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VOL. XCV — NO. 9 — WHOLE NO. 4919
Published at 1710 Connecticut Ave., N. W., Wash. 9, D. C.
Post. as 2nd class matter at P.O. at Washington, D. C.

Washington, D. C., 2 November 1957

Published weekly, \$8.50 a year to organizations and civil-
ians, \$6.50 a year to individual members of U. S. Services
SINGLE COPY 25 CENTS



GENERAL LAURIS NORSTAD, USAF, accepts the thanks of Lt. Gen. Walter L. Weible, USA-Ret., following the SACEUR Commander's address before the Association of the U. S. Army. General Weible is Executive Vice President of the organization. General Norstad told the AUSA he believes it will "be difficult for any country to decide to start a third world war, because the country making the decision would be destroyed." Any enemy attack on the NATO community would mean instant and devastating retaliation by the North Atlantic Treaty nations, he said. General Norstad said the NATO alliance has "great strength" and "could give a very good account of itself."

Marine Corps Plans 2,730 Pay Increases

The Marine Corps will give proficiency pay raises to 2,730 enlisted Leathernecks this Spring. The advances which carry the pay and allowances of the next higher rank, without military prerogatives, will go to Marines in all occupational fields in the ranks of corporal through technical sergeant. In order to be eligible, however, all ranks are required to have served on active duty for at least two years, including Reservists on duty with the Regular Marines.

In addition, corporals, sergeants and staff sergeants need six months' in grade. Technical sergeants must have a year in grade.

The pay increases will be awarded to those who have demonstrated effectiveness in assigned skills. Advancements will be made from among the ranks of those who passed promotion examinations in June or who pass the exams in December 1957, or who were previously qualified.

Six-stripe NCO's are not eligible for proficiency pay raises, Headquarters said. The Marine Corps plan is subject to approval by the Secretary of Defense.

Details telling of the Navy plan to award proficiency pay to 10,000 petty officers appeared in THE JOURNAL, 26 October, page 2.

Air Force Will Give Proficiency Pay In Jan.

In a message to all commands, Air Force Headquarters said it anticipates that proficiency pay for pay-grades E-3 through E-6 will start on 1 January.

A Directive, Headquarters said, will be issued to the field in mid-December announcing policies and procedures for giving speciality pay increases. The Directive will include a list of the specialties authorized for one-grade pay raises.

Authority does not now exist for the awarding of proficiency pay to six-stripe Airmen.

Headquarters is aware "of the detrimental effect this condition will have on those senior Airmen who have demonstrated outstanding ability in grade," the message states. "Continued effort will be expended to insure that all ranks receive recognition of their qualifications in areas of critical importance."

AUSA Calls For Congressional Action On Cordiner Proposals

The Association of the United States Army called on the Congress this week to enact the Cordiner military pay proposals as quickly as possible.

The action came at about the same time President Eisenhower was telling a White House press conference that he believes a military pay hike is "necessary."

Lt. Gen. Donald P. Booth, Army Deputy Chief of Staff for Personnel, told the meeting that the satisfaction which comes "from a sense of service" cannot completely overcome the "unreasonable relationship of military to civilian material reward."

He said the current reductions in the Armed Forces have made the Cordiner

recommendations even more important today than they were before.

Panelists discussing Army pay agreed that steps are necessary to revitalize military compensation. The panel members included General Booth, General John E. Hull, USA-Ret., Col Kenneth Wickham, Mr. R. H. Willey and Spec. 1/C George S. Parker. The moderator was Advertising and Public Relations Consultant Don Belding.

General Hull, president of the Manufacturing Chemists Association, Inc., said no question before the Army Association was more important than the Cordiner Committee recommendations. Although salaries and benefits in civilian life "keep up with the changing times," he told the

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VAdm Holloway Appointed To 4-Star Post; VAdm Smith Is Named Chief of Personnel

VAdm. Harold P. Smith, Chief of Staff and Aide to Admiral Jerauld Wright, Supreme Allied Commander, Atlantic, has been named to succeed VAdm. James L. Holloway, jr., as Chief of Naval Personnel and Deputy Chief of Naval Operations (Personnel and Reserve Forces).

He reports to his new post about 20 December.

Admiral Holloway, who has held the top Navy personnel post since 2 Feb. 1953, has been nomi-

nated by President Eisenhower for four-star rank. He is slated to replace Admiral Walter F. Boone, Commander-in-Chief, Naval Forces, Eastern Atlantic and Mediterranean.

Admiral Boone takes the place of General Leon W. Johnson, USAF, United States Representative to the Military Committee and Standing Group, NATO Forces, about 20 March.

Admiral Holloway is expected to remain in the Washington, D. C., area for several weeks to fill in the new Personnel Chief on current programs and policies.

Admiral Smith's SACLANT post will be filled by VAdm. Lorenzo S. Sabin, jr., Commander, Amphibious Force, Atlantic Fleet.

A 1924 graduate of the U. S. Naval Academy, Admiral Smith won the Navy Cross for heroism while commanding the

—Continued on next page



VAdm. Smith

General Taylor Cites Antimissile Progress; Asks Program Speed-Up

(More Missile News on pages 20 and 21)

Army efforts to develop an antimissile missile are being "crowned with success."

General Maxwell D. Taylor, Chief of Staff of the Army, made this report in his kick-off address at the third annual meeting of the Association of the United States Army.

He said recent events have increasingly impressed the Army "with the need to press forward in the development of the antimissile missile."

He told the AUSA that the Army project in this field—the NIKE ZEUS—"already exists in the form of research and development components" and that ef-

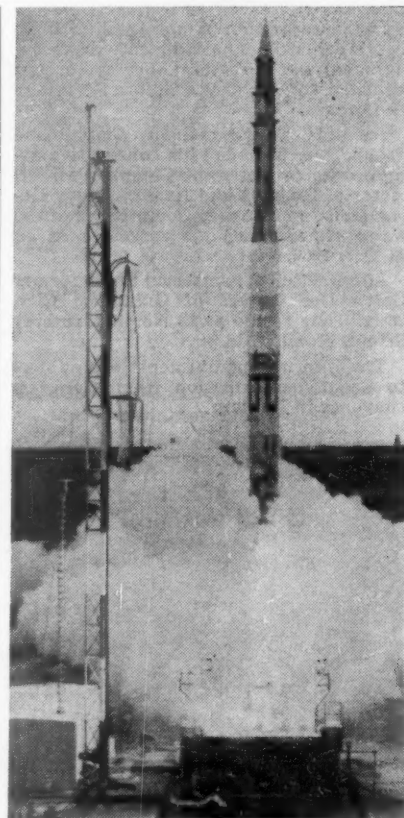
forts thus far "have been crowned with success appropriate to the stage of the program."

General Taylor said the Army sees "no reason why the country cannot have an antimissile defense for a price which is within reach."

Despite talk that dollar requirements for the program are "beyond consideration," the Army Chief of Staff said studies he has seen "lead me to a different conclusion."

He told AUSA members and their guests, "We can have an antimissile defense and indeed we must have one if

—Continued on next page



THE NAVY'S VANGUARD leaves its launching pad at the Cape Canaveral, Fla., Missile Test Center during a firing to test the satellite-carrying missile's first stage. All three Vanguard tests to date have been called "highly successful" by the Martin Company and the Naval Research Laboratory who conducted the firing.

AUSA Objectives

Here are the objectives of the Association of the U. S. Army as outlined at the conclusion of the third annual meeting:

1. An active Army of one million men as advocated by the Secretary of the Army and the Chief of Staff before a Subcommittee of the Committee on Appropriations of the House of Representatives on 5 Feb. 1957.
2. A four-division, full strength, highly mobile striking force within the Strategic Reserve.
3. Procurement of sufficient long-range airlift to move immediately and to support thereafter two divisions of this striking force under a guaranteed priority for Army use.
4. Recognition of the vital importance of the Army National Guard and Army Reserve in the structure of our national defense.
5. Establishment of provision to protect active and Reserve personnel against arbitrary force-out and other breaking of faith with their unwritten Service contracts subject only to faithful and competent service.
6. Upward revision of the weight and range limitations on Army aircraft and missiles.
7. Fuller use of the Army's proven capabilities in Air Defense.
8. Passage of proposed legislation implementing the recommendations in the Cordiner Report.
9. Maintenance of the separate identity of the Services and insurance that all shall have parity of expression of their views in the highest executive and legislative councils of the Federal Government.

Heads BuPers

From preceding page—

destroyer Stewart at the start of WWII. Under his command, the Stewart escorted the stricken cruiser Marblehead from under enemy guns in the Java Sea.

He is well known to Washington newsmen, having served as Deputy Chief of Naval Information from April 1950 to December 1951. The Admiral's next assignment was Director, Office of Foreign Ministry Affairs, Office of the Secretary of Defense.

Sea duty as Commander, Amphibious Group Two, preceded his consecutive assignments as Assistant Comptroller, Director of Budgets and Reports, Navy Department, and Deputy Comptroller of the Navy. He assumed his current post on 23 Oct. 1956.

Admiral Smith is married to the former Helen Dee Rogers of Oklahoma City, Okla. They reside at 13 North Monterey Street, Mobile, Ala.

The interim appointments are subject to Senate confirmation when Congress convenes in January.



CAPT. WALTER R. BLEVINS, USAF, formerly of the 615th USAF dispensary at Ent AFB, Colo., receives a medal of commendation from Brig. Gen. William E. Eubank, Jr., wing commander, at Castle AFB, Calif.



NATIONAL SAFETY COUNCIL AWARD OF HONOR is presented to the Central Air Defense Force in recognition of significant achievements in the reduction of manpower and property losses due to ground accidents in 1956 as compared with 1954 and 1955. Maj. Gen. Jarred V. Crabb (left), Commander, CADC, Richards-Gebaur AFB, Mo., accepts the award from Col. George Orr, Assistant for Safety, Air Defense Command, Colorado Springs, Colo.

Passing of Battlewagons From Active Fleet Brings Reorganization of Force

The Sixth of November is "R" Day for Battleship-Cruiser Force, U. S. Atlantic Fleet. This is the date for the scheduled reorganization of the Force.

On 6 November Battleship Division TWO will be disestablished, and the name of Battleship-Cruiser Force will be changed to Cruiser Force, Atlantic Fleet. The reorganization is the result of the placing out of commission the battleships Iowa and Wisconsin. It will also mark the first time since 1895 that the word "battleship" has not appeared on American Naval rosters.

The Iowa left Norfolk 22 October for Philadelphia and inactivation. The Wisconsin departs Norfolk 4 November for New York and decommissioning at Bayonne, N. J. commencing 7 November.

With the placing of the Iowa and Wisconsin in mothballs, Cruiser Force will be composed of eight major surface units under three division commanders. RADM. Lewis S. Parks, present commander of Battleships and Cruisers, Atlantic Fleet, will serve also as Commander of Cruiser Division SIX. This division is made up of the tactical command ship Northampton and the guided missile cruisers Boston and Canberra.

Cruiser Division TWO, commanded by RADM. M. F. D. Flaherty, consists of the heavy cruisers Des Moines, Salem and

CONARC Commander Warns Of Danger In Arbitrary Range Limits On Missiles

A cry of "danger" against "arbitrary range limitations" was sounded this week by General Willard G. Wyman, Commanding General, Continental Army Command.

A Defense Department order prevents the Army from developing missiles with a greater range than 200 miles.

Addressing the Association of the U. S. Army, in Washington, D. C., General Wyman said the Army "must have guided missile batteries that can instantly place atomic or non-atomic fires anywhere in the battle area necessary to influence ground operations."

He said the exact depth of Army units or the exact mileage of the range necessary to accomplish their mission will depend upon so many variables that it is "impossible" to predict.

"I consider it dangerous," he said, "to fetter our development now with arbitrary range limitations and rigid definitions of the future battle area which the enemy may choose to ignore."

The Pentagon order limiting the Army's missile role was issued by former Secretary of Defense Charles E. Wilson.

General Wyman also spoke of the

"fading deterrent of massive retaliation."

He said "There are people who maintain that we cannot afford the trained manpower, the modern tools and the air lift that your Army must have to perform its indispensable role in national defense. Ignoring the fact that the Communists are trying to conquer the world piecemeal, there are people who say that we cannot afford to change our defense posture to meet the threat—that our economy compels us to continue to rely predominantly on the fading deterrent of massive retaliation."

He said "No matter how beneficial or overdue any change may be, there are always people who will say: 'We can't afford it.' To me, this is like saying: 'We can't afford to live!'"

A-Depth Charge Called Deterrent

Admiral Jerauld Wright, Commander-in-Chief, Atlantic and U. S. Atlantic Fleet, sees the recently announced atomic depth-charge as a deterrent to possible attack by Russia.

Speaking before members of the District of Columbia Council of the Navy League in observance of Navy Day, the Supreme Allied Commander, Atlantic, said the devastating weapon would "add immeasurably" to the Navy's anti-submarine capability.

The Admiral described the Soviet undersea force as "the largest submarine fleet the world has ever known in peacetime."

Disclosure of the new atomic depth-charge was made by Defense Secretary Neil McElroy as he returned from New London, Conn., where he made a trip aboard the nuclear-powered submarine USS Nautilus, on 23 October. The Defense Chief said the A-depth charge is "one important answer" to the growing Soviet submarine threat.

At the same time, Navy Secretary Thomas S. Gates, who accompanied the Defense Secretary to New London, said the new weapon is nick-named "Betty." The Navy Secretary told reporters that "Betty" is operational and is carried by some carrier-based planes and land-based P2V "Neptune" patrol planes.

The kill range of the new depth-charge is measured in miles instead of feet.

"Betty" is the second atomic depth-charge to be placed in the Navy's arsenal of anti-submarine weapons.

Sees Antimissile

From preceding page—

we are to retain our nuclear retaliatory deterrent capability, which is indispensable to the prevention of general atomic war." He said, "We cannot afford to face at some future time an enemy armed with an ICBM and a strong surface-to-air missile defense without protecting our own offensive capability with a reasonable level of defense against the ICBM."

Discussing the Army's progress during fiscal '57, General Taylor said the Pentomic structure "which was little more than a slogan last year is now a reality in 14 divisions," and Army missile commands have been organized around the Honest John rocket and Corporal missile to "give the Army a ready means of intervening quickly with weapons of great destructiveness in areas where we have no American forces presently deployed."

General Taylor said the Army is pressing for development and production of lighter and more effective weapons with an atomic capability and increased battlefield mobility. He also said, "To this end we seek the continued development of our Army aviation program."

The Army Chief of Staff asked AUSA members to help the Army find "soft spots" in its programs and procedures. He said, "There is no place in this world for a second-class American Army. We ask you to assist us in guaranteeing the United States the number one Army in the world."



INTER-AMERICAN DEFENSE BOARD tours the Strategic Air Command's Control Center at Offutt AFB, Neb. Receiving the honor guard salute were General Lemuel C. Shepherd, USMC-Ret., Chairman of the Board (left), and SAC's Commander-in-Chief, General Thos. S. Power, USAF. The 55-member delegation included Lt. Gen. Julio Alberto Lagos of Argentina and Maj. Gen. Ajalmar Vieira Mascarenhas of Brazil, senior members from the Latin American countries.

NEXT WEEK—

GLOBAL COMMITMENTS of the U. S. fighting forces require that thousands of officers and enlisted men possess linguistic skills. The story of how this requirement is being met will be told next week in a JOURNAL correspondent's report from the renowned Army Language School at the Presidio of Monterey, Calif.

CONVENTION NOTES

GENERAL TAYLOR brought the house down when he told about his "campaign against Santa Claus." The Chief of Staff recalled the newspaper stories last year which told how his office had banned the exchange of Christmas cards up and down the corridors of the Pentagon. The order, signed "by direction of" General Taylor, had been put out without his knowledge of an aide, and the news stories touched off a wave of public indignation. When Valentine's Day rolled around, General Taylor said he made it quite clear to his staff that "any public position on Valentines would be taken personally by the Chief of Staff."

A CONVINCING ARGUMENT in favor of the Mutual Security Program was voiced by General L. L. Lemnitzer, Army Vice Chief of Staff, who pointed out that those who label the program a "give away" conveniently overlook the fact that 100 per cent of the cost of the program "is spent in the United States on the products of American industry and agriculture. He underscored the Army's important role in the program, noting that the able stems from the simple fact that "The great which most of our allies face is a threat which can be countered mainly by our forces."

HARVARD'S DR. HENRY KISSINGER participated in a panel discussion on strategy, during which he said the Services seem to be using too much of their ingenuity "to find a rationale to justify new weapons" rather than to find uses for the weapons. He said we need an organization whose members will concern themselves solely with overall strategy. Present decision-making is a "torturous process" which needs to be refined, he said.

"THE ROLE OF THE ARMY has never been more important" than it is today, Dr. Kissinger told the AUSA. He said "I would like to see strategic reserves all over the world, with a very high degree of mobility, which could intervene in trouble spots very quickly." This, he said, would mean additional air transport.

BRIG. GEN. DAVID SARNOFF, USAR-C, who also participated in the panel discussion on strategy, weapons and policy, warned that the free world has "possibly five years within which to take the necessary steps to head off catastrophe for the human race" before the "dreadful parity" of weapons will work to Russia's advantage. The Chairman of the Radio Corporation of America said it is no doubt true that nobody wants a third world war, but the generalization is dangerous because it "enables the Communists to operate with impunity as long as their aggressions are too small in scope, and well enough space in time, to avoid the showdown."

Faculty Named For New Course

Selection of the faculty for the new Advanced Medical Specialist Course scheduled to begin at Brooke Army Hospital, Ft. Sam Houston, Tex., 2 Dec., is now complete, according to Capt. Alice Bender, course director. The instructors, in addition to Captain Bender and M/Sgt. James McNeill, course Non-Commissioned Officer, will be Captains Lawrence Scheffner and Shirley Gluck, and 1st Lt. Shirley Anderson.

DEPLORE PX ATTACKS

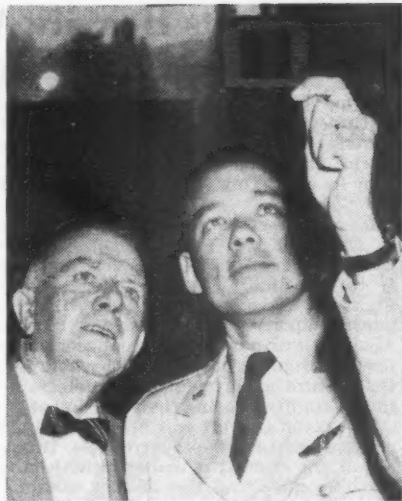
Armed Services Exchanges should be permitted to provide maximum essential merchandise and services to military families, the Association of the U. S. Army declared this week.

Recalling that PXs have served as an integral part of military life since 1895, the Association said it "deplores the attacks made against exchanges" and believes the attacks are based on erroneous assumptions that these exchanges are competing unfairly with private enterprise."

The AUSA said exchanges should "be permitted to operate from the point of view that the merchandise and services they offer are based on the needs of the Service family and not upon the dictates of these vocal critics."

The Association resolved that "the Congress be requested to take whatever measures are necessary to insure the maintenance of an exchange system which will provide maximum essential merchandise and services for the Serviceman and his dependents."

Copies of the resolution will be sent to all members of Congress.



AIR FORCE SPACE-TRAVELER Maj. David G. Simons (right), who recently set a new altitude record for manned balloons, and German-born Dr. Hubertus Strughold, chief of the Air Force Division of Space Medicine, Randolph AFB, Tex., check one of the photo slides that Major Simons took on his record-breaking 102,000-foot balloon ascent. They were pictured following a press conference in Wiesbaden, where they visited after attending the Congress of International Astronautical Federation in Barcelona, Spain. Major Simons heads the Space Biology Branch of the Aero-Medical Field Laboratory at Holloman AFB, New Mex.

AUSA Membership Triples

Since the first meeting of the Association of the United States Army at Ft. Benning, Ga. in 1955, the Association membership has tripled. It now numbers over 60,000 members and is still growing.

Lt. Gen. Walter L. Weible, USA-Ret., AUSA Vice President, said the Association now has 98 chapters and ROTC companies.

Registration for the third annual meeting was estimated at about 2,000.

Dr. Bloedorn, President Gorgas Memorial Inst.

Dr. Walter A. Bloedorn, a retired Commander, Navy Medical Corps, is the new president of the Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc., succeeding Col. Joseph F. Siler who had headed the Institute since 1942. Colonel Siler was named president emeritus.

Among the directors of the Institute are the Surgeons General of the Army, Navy and Air Force, Maj. Gen. Silas B. Hays, RAdm. B. M. Hogan and Maj. Gen. Dan C. Ogle, respectively; Col. Charles O. Bruce, Director of the Health Bureau, Canal Zone Government; Brig. Gen. Elbert De Coursey, Commandant of the Army Medical Service School; Dr. Clay G. Huff, Chief Parasitologist, Naval Medical Research Institute; Capt. H. K. Sessions, Director of the Preventive Medicine Division, Navy Bureau of Medicine and Surgery; and Col. Tom F. Whayne, MC, USA-Ret., Professor of Public Health and Preventive Medicine, University of Pennsylvania.

ADOPT PAY RESOLUTION

National Security and the atomic age demands the adoption of a pay system that meets the requirements of present conditions, the AUSA declared this week.

The association said modern warfare requires a higher degree of leadership and technical skill than ever before and all of the Armed Forces are suffering serious losses of leaders and skilled personnel because of the relatively low wages and benefits paid to military personnel.

Competition for leaders and skilled technicians is at an all time high, AUSA said, and, turnover in personnel within the Services is costly, not only in dollars but in the efficiency of our fighting forces and the administration of other activities.

Because compensation to military personnel and Army civilians "has fallen far behind the rise in cost of living and the compensation in the civilian community for similar work and responsibility" the association said it "wholeheartedly" supports "prompt passage of proposed legislation implementing the recommendations in the Cordiner report."

Members of the AUSA voted to send a copy of the resolution to all members of Congress.

Back Cordiner Plan

From first page—

AUSA members, "the same is not true in the Services."

If the Cordiner recommendations were enacted today, he declared, they would be inadequate five years from now, he said.

General Hull addressed his discussion of the pay problem principally to the officer grades. He said if action is not taken to increase the pay of the senior grades, leadership in the military services of the future may very well "rest in the hands of mediocrity."

As an example of the present disparity in military pay, compared with salaries in private industry, General Hull noted that an inexperienced typist in the Washington, D. C., area earns about three dollars more per month than a new second lieutenant.

He said the United States is paying for the mistake of providing inadequate compensation for the Armed Forces because of the costly losses in personnel which the situation generates, and because of the "irreplaceable" time which also is lost.

The former Vice Chief of Staff of the Army said the U. S. "probably could double the pay scales" for the Armed Forces "and it would be cheaper for the taxpayer in the long run." However, he stated that it would not be necessary to take such a bold step, in order to solve the problem. Good officers will stay in the Service if the compensation they receive permits them to provide adequately for their families, he said.

In answer to a question from the floor concerning the delay in acting on the Cordiner recommendations, General Hull said he is of the opinion that the recommendations have not "received adequate support from the Administration."

Charting the Army's pay problems, General Booth told the AUSA meeting that the Army now has "a marked deficit of officers with three to nine years of service." This is the group, he said, from which the Army would need to draw the bulk of its field commanders in the event of mobilization in the near future.

The shortage is caused, the Personnel chief said, by the low percentage of obligated tour lieutenants who are electing the Army as a career, and by the "high rate of resignation" among recent graduates of the U. S. Military Academy.

He said it is not just the number of officer-losses which is worrying the Army, but also the caliber of the men. "We know that a large percentage of our resignations, among senior as well as junior officers, are highly qualified individuals," he said. "There is no question that many of them prefer the Army way of life but feel that they cannot conscientiously deprive their families of the greater material advantages they may gain in other occupations."

General Booth said, "We can expect a highly qualified man to receive a reasonable degree of satisfaction from a sense of service, a degree of satisfaction which will compensate for the lack of many material benefits, but we cannot expect the satisfaction from a sense of service to overcome completely an unreasonable relationship of military to civilian rewards."

Specialist First Class Parker, a heli-

copter mechanic assigned to the Third Transportation Company (Helicopter), Ft. Belvoir, Va., addressed the meeting on the problems Army Aviation faces in training new crew chiefs to replace those going to jobs in private industry. He said his company has been unable to induce one man to reenlist for a second term during the past three years, and that most of those leaving the Service are going to higher paying jobs in civilian life.

Specialist Parker, who has more than eleven years' Army service, noted that his present enlistment is up in April and that he has been offered two attractive jobs in private industry. Both, he said, "pay more to begin with than I can make as a Master Sergeant with my present longevity."

The Cordiner proposals would be "a step in the right direction," he told the meeting, but they "are not adequate" because they already "are over a year old."

Colonel Wickham, Executive Officer in the office of The Army Adjutant General, and a member of the working staff of the Cordiner Committee, outlined in broad detail the Committee's recommendations. He said there is "growing interest" in the Cordiner proposals and growing realization of the inadequacy of the present military pay structure.

Mr. Willey, Director of Civilian Personnel for the Army, said recruitment and retention of professional scientific Army employees faces many of the same pay problems which are plaguing the uniformed services. He told the meeting that turnover costs "are enormous."

OPPOSE SINGLE SERVICE

The AUSA is opposed to a single Service or a single Chief of Staff.

"A single Service," the association said this week, "would stifle initiative and competition, lower esprit and possibly deprive Congress and the public of full information on the status of our military defense."

The Association said, "It is essential in the national interest that the duly appointed heads of each of the Services have equal opportunity to present their views before the highest executive and legislative authorities of the Federal Government."

A resolution approved by the Association calls for active support for the "maintenance of the separate identity of the Services, including the assurance that all shall have parity of expression of their views in the highest executive and legislative councils of the Federal Government."

Lt. Col. Lovelace at Webb

Arriving recently from Headquarters, Fifth Air Force, Nagoya, Japan, Lt. Col. David R. M. Lovelace has assumed command of the 3560th Installations Group at Webb AFB, Tex.

The colonel and his wife, the former Marilyn Hotchkiss of Courtland, Ala., live at 1607 Kentucky Way, Big Spring, Tex. The family also includes two children; Richard 13, and David 10.

U. S. Army

Army Review Honors National Press Club

A special review ceremony honored the National Press Club at Ft. Myer, Va., on 27 Oct.

Staged by the 1st Battle Group, 3d Infantry (The Old Guard), and The United States Army Band, the ceremony was held in conjunction with the All-Army Exhibits sponsored by the Association of the U.S. Army.

Receiving the salute on behalf of the National Press Club's nearly 5,000 members was Ben Grant, President of the organization. Accompanying Mr. Grant on the reviewing stand were Assistant Secretary of the Army Frank H. Higgins (Logistics); Assistant Secretary of the Army Dewey Short (Civil-Military Affairs); Maj. Gen. William C. Westmoreland, Secretary, Army General Staff; Maj. Gen. Harry P. Stork, Army Chief of Information; and Brig. Gen. Chester V. Clifton, Deputy Chief of Information. Secretary of the Army Wilber M. Brucker and Maj. Gen. John G. Van Houten, Commanding General, Military District of Washington, were co-hosts.

Commander of Troops for the ceremony was Col. Mark F. Brennan, Commanding Officer of the 1st Battle Group. The United States Army Band was led by Major Hugh Curry.

CONARC Seeks Ranger Airborne Applicants

The Continental Army Command has established a program permitting ROTC graduates on six months' active duty to volunteer for airborne or ranger training.

The new lieutenants, CONARC Headquarters said, will be required to complete 15 weeks' training in their basic arms branch before entering the rugged airborne or ranger courses.

In most cases, the officers will be given initial training at the U. S. Army Infantry School, Ft. Benning, Ga.; the U. S. Armor School, Ft. Knox, Ky.; or, the U. S. Army Artillery and Missile School, Ft. Sill, Okla. Both courses will be conducted at Ft. Benning.

Benning Copter Crew Has Novel Mission

Utilizing the latest methods of helicopter rescue, a Ft. Benning, Ga., H-34 rotor aircraft piloted by aviators of the Lawson Army Air Field Command has flown one of the longest air evacuation missions to date.

The helicopter flown by CWO Lee R. O'Berry picked up a damaged L-19 at Ft. Stewart, Ga., by an external sling and carried the \$10,000 fixed wing aircraft slung beneath its understructure to Ft. Benning. The 230-mile trip was completed in two hours and 40 minutes.

Accompanying CWO O'Berry was instructor pilot CWO Raymond C. Bowers and crew engineer SFC Glen C. Coonfield.

7th Army JA

Lt. Col. Samuel H. Wrightson, USA, Staff Judge Advocate of the 10th Infantry Division since its arrival in Germany on gyroscope replacement in June, 1955, has joined the staff of the Judge Advocate Section of Seventh US Army, Vaihingen, Germany, as Assistant Judge Advocate.

Col. Spangler New Pres. Army Air Defense Bd.

Col. Richard S. Spangler, USA, a 1931 graduate of the USMA, West Point, is the new president of the Army Air Defense Board, CONARC, at Fort Bliss, Tex.

Col. Spangler succeeds Col. John H. Kocher, now retired, at the Army Air Defense Center Post.

The Air Defense Board, one of four such agencies under the supervision of the Continental Army Command, tests all anti-aircraft and guided missile equipment from the user point of view, employing skilled specialists, both military and civilian.

Col. Spangler formerly commanded the U. S. Army Instructional Group ROTC in Hawaii.



Col. Spangler

Army Tests Heavily Armed Sky Cav 'Copter 42 Rockets, 9 Machine Guns, 2 Cannons

Army pilots at Ft. Benning, Ga., are testing what is believed to be the most heavily armed helicopter in the free world. It is planned for possible inclusion in the Army's Sky Cav concept of air mobility.

Under the supervision of CWO James P. Ervin, Jr., an H-34 Helicopter from Lawson Army Air Field was flown recently to the Sikorsky Aircraft Factory at Stamford, Conn., and equipped with the latest weapons of warfare. Although these weapons are currently visualized solely for defensive purposes, Army backers feel that future experiments may determine the feasibility of using them on offense.

The rotor aircraft can fire 40 2.75-inch rockets and two five-inch rockets. In addition, the aircraft is equipped with nine machine guns and two 20-mm cannons. This marks the first time a rotor aircraft has been armed with 20-mm cannons and 5-inch rockets.

The machine guns are placed both at the front and sides of the aircraft to repel attacks from all directions.

Sky Cav is the term for an experimental concept using helicopters for reconnaissance and patrol missions, replacing the cavalry which traditionally performs this function. When first employed in Exercise Sagebrush in Louisiana two years ago it led to a jurisdictional argument with the Air Force.

Also being tested at the post is the use of heavy armament on the small Bell H-13 helicopter. According to Maj. William A. Howell, new commander of the Third Transportation Battalion, this helicopter is extremely suitable for scouting sky cav missions because of its size and maneuverability.

Under the direction of CWO Michael J. Madden, the H-13 armed with eight 2.75-inch rockets and four 30- or 50-mm machine guns is being tested to determine its effectiveness. The firing of all weapons is controlled by the pilot, who has one sight for both the rockets and machine guns which can be interchanged with the throwing of a switch.

Major Howell recently assumed command of the Third Helicopter Transportation Battalion, succeeding Lt. Col. Charles A. Ernest, who will retire in November.

Major Howell has served as commander of Lawson Army Air Field's Fourth Helicopter Transportation Company since July, 1954. According to officials this is the longest time an officer has commanded that type unit in Army history.

After the war Major Howell earned



CWO MICHAEL J. MADDEN gets ready to test the experimental weapons on an H-13 helicopter at Ft. Benning. The helicopter is equipped with eight 2.75-inch rockets and four machine-guns.

his wings as a fixed-wing aircraft pilot after attending the Liaison Pilot School at San Marcos, Tex. Realizing the possibilities of rotor-wing aircraft, he applied and was accepted to attend the helicopter school then located at Ft. Sill, Okla.

In the Korean conflicts, Major Howell was a senior Army aviation adviser to the Republic of Korea Army from February, 1951, to March, 1952. He was presented the Korean Chugmu Distinction Service Medal for his work.

Major Howell is married to the former Caroline E. Greenleaf of Raleigh, N. C. Major and Mrs. Howell have a son, William A. Howell, 3d, 8.

Directs Operations At Terminal Center

Bay Area Army Terminal Center, Ft. Mason, Calif., has announced the appointment of Col. Jean P. La Cour as Director of Operations. He will be stationed at Oakland Army Terminal.

He succeeds Col. Farrell P. Hyatt, who will serve at Ft. Mason as Assistant Terminal Center Commander, and Thomas R. W. Skinner.

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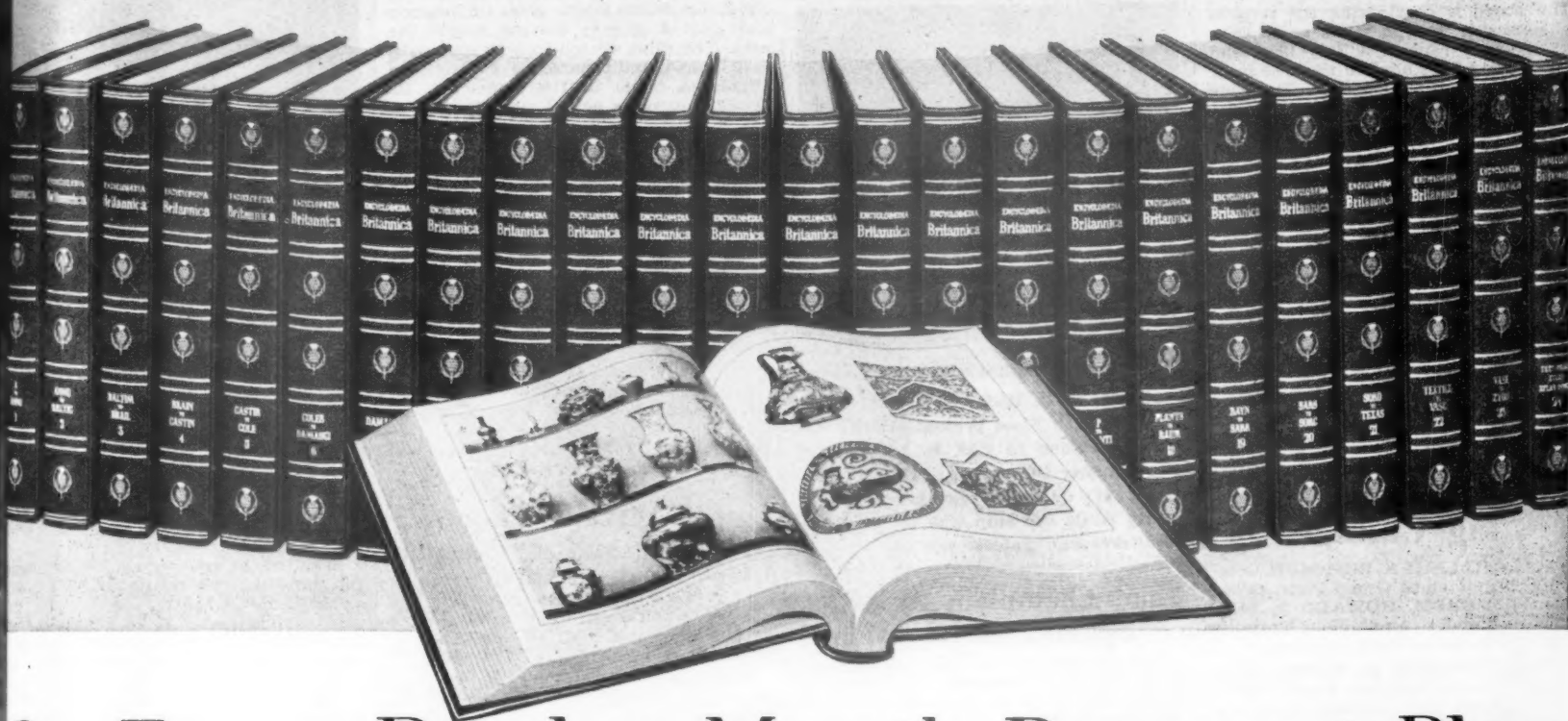
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U. S. Navy and U. S. Marine Corps

Capt. O'Connor Heads Board Choosing LCDrs.

Capt. M. B. O'Connor is President of the selection board in session to choose active duty line officers for promotion to lieutenant commander.

The board is considering the records of lieutenants, except TARs and LDOs, with dates of rank of 1 July 1954, and earlier. The LDO's eligible must be in or senior to the promotion zone. The zone extends from Lt. John W. Berry, Signal Number 16591, through Lt. Albert J. Monger, Signal No. 18590, in the 1 Jan. 1957 Regular Register.

The junior Reserve officer in the zone is Lt. Philip C. Krouse, Register No. 050197, in the 1955 Reserve Register.

Regular Line WAVes with dates of rank of July 1954, and earlier, also are being considered.

Other board members are:

Captains D. A. Ball, J. R. Bromley, J. W. Condit, NR. A. B. Davis, W. "J" Davis, Jr., O. N. Fowler, L. C. French, G. D. Good, N. E. Harkleroad, W. A. Hearn, A. C. Holt, J. B. Hoyt, NR. F. N. Klein, Jr., E. W. Knepper, K. F. Lafferty, J. H. Levick, A. L. Redon, R. F. Schlegel, D. W. Seller, D. S. Wicks, G. D. Williams, and A. H. Willis; Cdr. E. A. Weyant; Lt. N. H. Scawthorn, Recorder; and Lt. A. J. Soward, Assistant Recorder.

Flag Changes

RADM. WILLIAM K. ROMOSER, Commander, Amphibious Group Four, swaps billets with **RADM. HOWARD A. YEAGER**, Commander, Amphibious Training Command, Atlantic Fleet, in January.

RADM. CHESTER C. WOOD, Commander, Cruiser-Destroyer Force, Pacific Fleet, becomes Commandant, Third Naval District, in February.

RADM. EDWIN T. LAYTON, Assistant Chief of Staff for Intelligence, Joint Staff, Commander-in-Chief, Pacific, assumes directorship of the Naval School of Intelligence, Naval Receiving Station, Washington, D. C.

Cdr. Elasser Assumes Duties As NSHA Chief

Cdr. Leo J. Elasser, MSC, reporting from the Bureau of Medicine and Surgery where he was Director, Hospital Administration Division, has succeeded Cdr. Charles L. Crawford, MSC, as Commanding Officer, Naval School of Hospital Administration, National Naval Medical Center, Bethesda, Md.

Commander Crawford has been named Executive Officer, Hospital Corps School, USNH San Diego, Calif.

The Naval School of Hospital Administration is the only billet to which a Medical Service Corps officer can be assigned as commanding officer.



VADM. C. R. BROWN, (right) Commander Sixth Fleet presents **Battle Efficiency** plaque to **Cdr. B. D. QUINN**, Commanding Officer **U.S.S. BORDELON** (DDR-881) during a brief ceremony recently while the ship was operating in Mediterranean waters.

Lake Champlain Aids Spanish Flood Victims

The aircraft carrier **USS Lake Champlain** (CVS-39) recently completed a mercy mission in the flood-ravaged area of Valencia, Spain.

Torrential rains, which lasted about 48 hours on 13, 14 and 15 October, sent water rushing across the countryside, swelling the river Turia and causing the deaths of about 50 people in the city and nearby villages. It was Valencia's worst flood in 60 years.

Throughout the day of 16 October, 18 helicopters from **HMR(L)-262** ferried food and medical supplies from the carrier and the Spanish Air Force Base at Valencia to the stricken villages and other distribution points in the flood area.

The "Champ," commanded by Capt. George R. Luker, having just completed her mission in "Operations Deepwater," got underway for her home port in Mayport, Fla., on the 16th.

She put in at Gibraltar enroute to give her crew a well-earned liberty.

Cherry Point Pilots Train In New Device

An Ultrasonic Radar Mapping Trainer has been added to the course of instruction for all-weather pilots at the Air Intercept School, MCAS Cherry Point, N. C.

The trainer permits pilots to recognize land marks in the Cherry Point area. The map unit of the trainer represents an area of 200 miles surrounding the Air Station. The map land areas are built of sand and clay. Cities, some smaller than a dime, are constructed of carborundum, a crystalline compound of carbon and silicon. Bridges are represented by staples.

The map is hooked up to an aircraft simulator device which gives the impression that a pilot is moving across the area. The pilot, seated in a cockpit with instruments and radarscope, controls the simulated plane in the same way he would control an actual aircraft.

In addition to training the pilot in radar mapping, the device also familiarizes pilots with the equipment in their planes and trains them with radar and radar intercept tactics.

The training aid is provided with six maneuverable targets which are controlled by an instructor. As the instructor sets a target in motion, a "blip" appears on the pilot's radar screen. The pilot then maneuvers the simulated plane into position to intercept a target representing an enemy.

Equipment for the radar mapping device was supplied and installed by the Station's Training Devices Center. Stavid Engineering, Inc., provided technical advice.

Low-Cost Trailer Homes Open At Parris Island

James E. Estes, HM, USN, and his family, were the first to move into the newly opened Page Field Trailer Park at the Marine Corps Recruit Training Depot, Parris Island, S. C.

In all there are 200 trailers at Page Field, 141 of which are the four-sleeper type renting for \$43 a month. The remaining 59 sleep six and rent for \$46 per month. The rentals include all utilities with the exception of fuel.

Capt. John F. Gresham, Depot Housing Officer, said that in the near future trailers will be available for military personnel who are temporarily assigned to the Depot to attend school, giving them the opportunity to bring their families with them.

At the same time, he stated that trailers will be used as temporary housing for all pay grades awaiting post housing.

In another move to provide low-cost housing facilities for Depot personnel, the Argonne Trailer Park has been expanded to provide 30 additional parking spaces for privately owned trailers. The expansion of Argonne brings to a total of 100 the spaces open for officers and enlisted men.



COMDR. B. S. SOLOMON, USN, right, 13th Naval District Public Information Officer, receives a Chinese Government medal from Lu Yun-cheng, Chinese Consul-General in Seattle, Wash. The award Order of the Cloud and Banner, was presented Commander Solomon for his assistance in setting up the public information system in the Chinese National government while stationed with the United States Taiwan Defense Command in 1955 and 1956.

Post-Graduate Courses Open To USMC Officers

Applications for post-graduate courses open to commissioned officers in Fiscal Year 1959 are being accepted at Marine Corps Headquarters.

A list of the courses and requirements for admission are contained in Marine Corps Bulletin 1520.

No application will be accepted after 1 December. Those selected for training will be notified by the Commandant before the end of the year.

Officers who take post-graduate work must agree to remain on active duty for two years after completion of any of the 16 available courses.

Col. Smoak Commands Santa Ana Air Facility

Col. Joe A. Smoak, G-2 at MCAS Parris Island, Calif., has succeeded Col. George E. Britt, as Commanding Officer, MCAS Santa Ana, Calif.

About 100 Headquarters and Headquarters Squadron officers and men participated in the ceremonies which installed Colonel Smoak as the sixth officer to lead the Marine Air Facility since it was commissioned in May 1951.

Earlier, Lt. Col. Frank H. Simonds, reporting from the Third Marine Air Wing, assumed command of Marine Air Control Squadron Four from Lt. Col. D. Frazier.

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 J. Sinclair Armstrong—Assistant Secretary (Financial Management)
 Richard Jackson—Assistant Secretary (Manpower, Personnel & Research Forces)
 Admiral Arleigh A. Burke—Chief of Naval Operations

CAPTAIN

Cameron, Gerald L, CO USS KERMIT ROOSEVELT; to STAFF COMSTSNOR-PACSUBAREA.
 Holcombe, Charles M, OIC GUNFIRE SUPP-SOL NAVPHIBTU NAVPHIBASE CORONADO; to CO USS MISPELLION.
 Murphy, James A (MC), NAVHOSP PHILA; to NAVHOSP BAIN.
 Smith, Emory C, OFC OF NAVPETRES NAVDEPT; to OFC OF JAG NAVDEPT.

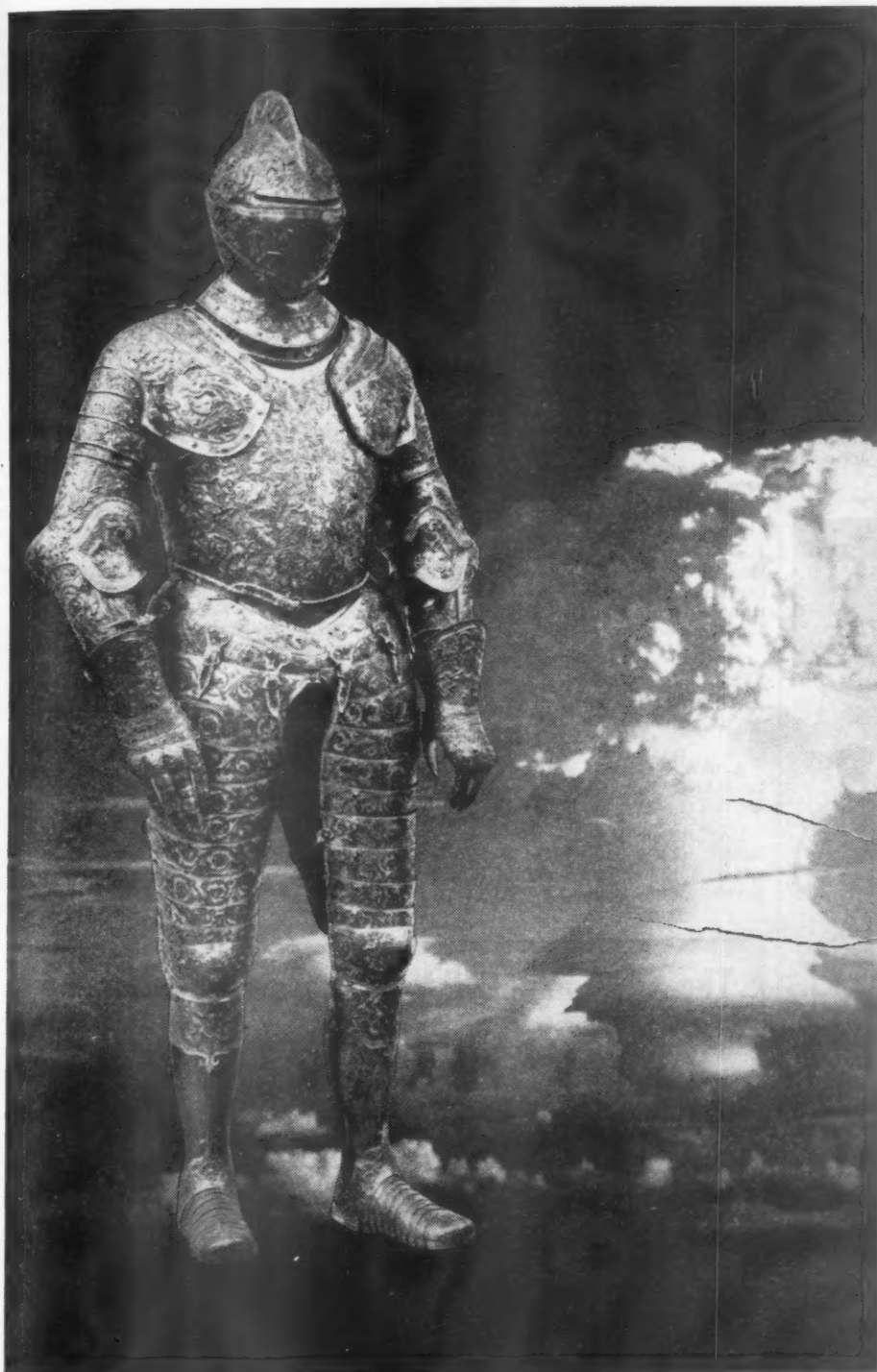
Smith, Lewis M (MC), NAVRECSTA NAVB BKLYN; to NAVSTA KWEST.
 Unmacht, George P, CO USS PLATTE; to STAFF COMSTSPACAREA.
 Humphries, Joseph E D (MC), NAVSTA BERMUDA; to NAVRECSTA NAVB BKLYN.
 Kinsey, Jack L (MC), SUBRON FIVE; BUORD.
 Sultor, Paul W (DC), NAVHOSP GUAM; to NAVADCOM NTC SDIEGO.

Barham, Eugene A, CO FAIRDEFTC DAM NECK VABEACH; to CO USS PONCHA-TOULA.
 Henderson, Reed K, CO AEWRON 11; to BARRIERLANT AT NAS PAXRIV TEM.
 Hubbell, Lester E, COMDESDIV 262; to CO FAIRDEFTC DAM NECK VABEACH.
 Lord, Charles W, STAFF COMCARDIV THREE; to COFS AND AIDE COMFIRST-FLT.
 Mosson, Lester H (DC), USS FRANKLIN D ROOSEVELT; to NATECHTC NAS JAX.
 Heath, John A, ACOFS FOR OPRPLANS AND TNG COMPHIBPAC; to CO USS MAGOFFIN.
 Wickstrom Otto W (MC), XO NAVHOSP MFS; to CO NAVHOSP MFS.
 Foster, John L, CO USS WARRICK; to CO USS CHARA.
 Gavitt, Severance W, OIC NAVPERSRSCH-FLDACTY SDIEGO; to CO USS TANNER.

Army Navy Air Force Journal
 2 Nov. 1957 (Vol. 95, P. 247)

Hoffman, Edward E, 11ND; to CO USS MERRICK.
 McLennan, William A (DC), NAVDISP SFRAN; to NAVHOSP GUAM.
 Nutting, Edwin B (DC), USS BON HOMME RICHARD; to MARCORCRUITDEP SDIEGO.
 Smith, Emory C, OFC OF NAVPETRES NAVDEPT; to OFC OF JAG NAVDEPT.
 Smith, Herbert E (CEC), STAFF COMNAVFORJAPAN; to HEDUSMARCOR WASH, DC.
 Wells, Wade C, CHSTAFFOFF COMSDI-EGOGRU; to CO USS POLLUX.
 Woodfin, Richard H, COMDESDIV 32; to CO FAIRDEFTC SDIEGO.

—Continued on page 17



THE SOLDIER

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U. S. Air Force

B/G Clark Will be DoD Rep. to Saudi Arabia

Brig. Gen. Albert P. Clark, USAF, Chief of Staff, U. S. Air Forces Europe, has been designated to succeed Brig. Gen. Dale O. Smith, USAF, as Chief of the U. S. Military Training Mission to Saudi Arabia and as Department of Defense Representative there for Technical Discussions.

General Smith, as reported in last week's JOURNAL, has been assigned to command the 313th Air Division, Pacific Air Force.

General Clark will report to Saudi Arabia by 15 November. His wife, Mrs. Carolyn Wilbourn Clark, and their daughters, Carolyn P. and Mary G., will accompany him.



MAJ. GEN. JAMES E. BRIGGS (left), Superintendent of the U. S. Air Force Academy at Denver, swears in Col. Robert F. McDermott as the Academy's first permanent professor under a Presidential appointment. Colonel McDermott will continue to serve as head of the Department of Economics and Dean of Faculty.

Graduate Bomb Course

Class 57-Q-RB of the Advanced Navigator, Reconnaissance Bombardment Course at Mather AFB, Calif., (3535th Navigator Training Wing) was graduated last week.

The majority of the graduates will be assigned to SAC, but seven will remain at Mather for a six-week post graduate course in tactical navigation-bombing techniques.

The highest academic grade in Class 57-Q-RB was earned by Capt. Robert E. Pierce and the highest flying grade by 1st Lt. Kenneth W. Beauchamp.

Following are the names of the graduates of Class 57-Q-RB who will leave Mather for assignment to command units:

Captains Thomas W. Bostick, Gerard S. Carmichael, Robert E. Pierce, James E. Underwood; First Lieutenants Kenneth W. Beauchamp, Alime J. E. Dubois, Henry Gelman, Breeden P. Hamer, Jr., Wilson M. Jones, Joe F. Kendall, Charles G. Leuchter, Victor A. Maola, Gene D. McConnell, Amos C. McLendon, James L. Noffsinger, James M. Scott, Carl A. Bibb, Irwin M. Grusky, Alan F. Johnson, Gerald M. Kimburg, Charles J. Martin, Alvin E. Mather, Joseph P. Morgan, Donald E. Phillips, James F. Pico, Charles W. Ryan, Sidney E. Stroup, Raymond E. Wolf, Harold J. Bajadali, Richard G. Best, George P. Deibert, Stephen A. Emery, Ralph W. Furtner, Ronald Gingold, Vernon L. Haynes, August S. Johnson, Richard B. Spencer, Garwood P. Wilson; Second Lieutenants Neil C. Bussard, Jack W. Gary, Fred T. Pillsbury, Clyde L. Shoemaker, Samuel T. Soberanes, Donald G. Wilson, Elmo R. Cognevich, Carl J. Deimeke, Lowell W. Fischer, Roy F. Rohde.

Graduates who will remain for the tactical post graduate course:

First Lieutenants James W. Davis, Daniel Harvey, Gordon D. Jonas, James W. Jones, Richard G. Scherer, John H. Dicken, Edward F. Kincade, jr.



ON HIS FIRST VISIT to Fourth Allied Tactical Air Force headquarters at Trier, Germany, General Frank F. Everest, center, USAF commander-in-chief, is greeted by Maj. Gen. Edward J. Timberlake, USAF, right, commander of the NATO command, and Air Commodore H. M. Carscallen, RCAF, chief of staff.

Air C&S College Cut, Squadron School Up

In its first major program change since 1954, Air University Maxwell AFB, Ala., has announced that enrollment in Command and Staff School would decrease and Squadron Officer School increase in the academic year beginning in September 1958.

Size of the Squadron Officer School will be increased from 600 to 750 USAF officers for Class 58-C (September to December 1958), 800 for Class 59-A (January to April 1959), and 850 for Class 59-B (April to July 1959). In addition, the present annual quotas allocated to the Air National Guard, Air Force Reserve Officers not on extended active duty and to Allied nations will remain at 15, 24 and 45, respectively.

Enrollment at Command and Staff School will be reduced from 900 to 600 when the next class enters in September 1958. The class composition will include 485 Air Force officers; 35 officers of the U. S. Army, U. S. Navy, and Marine Corps; 10 Air National Guard officers; 10 nonactive duty Air Force Reserve officers; and 60 officers from Allied nations.

The size of the Squadron Officer School will continue to be gradually increased until the USAF input reaches 1000 per class (3000 annually). Thus the average combined annual enrollment in the two schools will climb eventually from approximately 2700 at present to 3500 officer students.

No changes were indicated at present for Air War College at Maxwell. This school, the highest in the Air Force's professional education system, will continue with an average enrollment of 160, 130 of whom are Air Force colonels.

Lackland Hospital To Be Expanded

A new, 500-bed addition to the Lackland AFB, Tex., Hospital will be started around the first of the year.

Maj. Joseph P. Salvo, surgeon general liaison officer, said official notice to start advertising for construction bids is expected at any time.

Air Force Establishes Ribbon For Longevity

The Air Force has designed a new ribbon for wear by all officers and enlisted men who have completed four or more years of honorable active military service.

Known as the Air Force Longevity Service Award, it will be standard ribbon size with two turquoise vertical stripes superimposed on a field of Air Force blue.

A bronze oak-leaf cluster will be given for each additional four years of honorable service. A silver oak-leaf cluster will be substituted for each five bronze clusters.

An Air Force spokesman said officers and men who already have completed terms of more than four years will be permitted to place clusters on the ribbon. In other words, those who have completed long periods of service will be awarded the clusters retroactively for all active Federal service performed.

Manufacturing specifications of the award are being developed by the Air Force's Medals and Decorations Branch. It is not expected that the ribbons will be available for wear before March 1958.

Details and instructions for wear of the ribbon and clusters will be included in a forthcoming revision of AFR 35-50.

Gen. Briggs Stresses AFOTC Opportunities

Air Force leadership opportunities for AFOTC graduates were underscored by Maj. Gen. James E. Briggs, Air Force Academy Superintendent, in an address to Air Force Reserve Officer Training Corps members at Duke University, Durham, N. C.

Noting that regular Air Force commissions are available to distinguished ROTC graduates, General Briggs expressed hope that many graduates would stay on duty longer than their period of obligated service.

The General pointed out that many of the Air Force's finest leaders have come from civilian colleges. Among these he numbered: General Curtis E. LeMay, Air Force Vice Chief of Staff; General Otto P. Weyland, Commander of the Tactical Air Command; and General Edwin W. Rawlings, Commander of the Air Materiel Command.

Management Group at Robins

The principles of how to help people learn, particularly through lectures and speeches, were outlined for members of the Office Management Group of the Better Management Association, Inc., at Robins AFB, Ga., by Robert McClure, an instructor with the WRAMA Employee and Career Development Branch.

The Office Management Group, headed by Marcus E. Laine as chairman, is made up of military and civilian personnel at Robins AFB whose special interests are in the field of office management. They meet regularly for training and discussion sessions.

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Lyle S. Gariock—Assistant Secretary (Manpower, Personnel & Reserve Forces)
David S. Smith—Assistant Secretary (Research & Development)
Richard C. Horner—Assistant Secretary (Research & Development)
General Thomas D. White—Chief of Staff

MAJOR GENERAL

Armstrong, Harry G, fr Hq USAF, APO 633, NY, fr dy as Surgeon, USAF, & fr 7100th USAFH (Pnt), USAF, APO 633, NY; to 1100th USAFH (Pnt), Hq Comd, USAF, Bolling AFB, DC, NLT 21 Nov 57.
Davies, (Col) James H, fr 1100th Pers Process Sq, Hq Comd, USAF, Bolling AFB, DC; & ret in gr of Col, eff 31 Oct 57, & adv to gr of Maj Gen.
Robinson, Frank H, fr 3510th USAFH (Pnt), ATC, Randolph AFB, Tex; to 3700th USAFH (Pnt), ATC, Lackland AFB, Tex, eff 1 Nov 57.

BRIGADIER GENERAL

Scott, (Col) Robert L, Jr, fr asg Hq ATC, Randolph AFB, Tex, fr dy sta Luke AFB, Ariz; & ret in gr of Col, eff 31 Oct 57, & adv to gr of Brig Gen.
Clark, Albert P, fr Hq USAF, APO 633, NY, fr dy as CofS, USAF; to Hq Second ADiv, USAF, APO 616, NY, for dy as Comdr, Second ADiv & Ch, US Mil Tng Msn, Saudi Arabia, & add dy as Dept of Def Rep, Saudi Arabia for Tech Discussions, NLT 15 Nov 57.

COLONEL

Short, William B, Wash, DC, to Hq Eastern Air Def Frc, ADC, Stewart AFB, NY.

LIEUTENANT COLONEL

Fr Wash, DC, to sta indicated:
Conrad, Arthur, Jr, Hq 36th ADiv, SAC, Davis-Monthan AFB, Ariz.
Moats, Sanford K, 60th Ftr-Intep Sq, ADC, Otis AFB, Mass.
Joyner, William R, Hq AMC, Wright-Patterson AFB, O.
McCready, John F, to dy sta Jt Area Petroleum Office, APO 743, NY.
To dy sta AMC Air Def Sys Integration Div, Lawrence G Hanscom Fld, Bedford, Mass:
Moore, William W Gawelko, Stanley J

MAJOR

Kahn, Theodore C, Wright-Patterson AFB, O, to 7100th USAFH, USAF, Wiesbaden, Germany, APO 633, NY.

CAPTAIN

Olson, Thomas A, Wright-Patterson AFB, O, to Hq AF Dlt Test Cn, ARDC, Edwards AFB, Calif.
Fr Wash, DC, to sta indicated:
Westfall, Clarence R, Hq 47th ADiv, SAC, Walker AFB, NMex.
Dicks, Harold C, Hq MATS, Scott AFB, Ill.
Fr Robins AFB, Ga, to sta indicated:
Walker, Milton E, Atlanta APD, Ga, as Disbursing Officer.
Dunn, Velma M, 3201st USAFH, APO, Eglin AFB, Fla.

2D LIEUTENANT

Graziadel, Ermina M, (NC), Wright-Patterson AFB, O, to 47th USAFH, USAF, APO 22, NY.

RETIRED—

Kanig, Col Albert V, fr Hq 3595th Cmbt Crew Tng Qg (Ftr), ATC, Nellis AFB, Nev.
Elliott, Col Eugene F, fr Hq 820th ADiv, SAC, Plattsburgh AFB, NY.

Draper, Lt Col Thurman, fr Hq ConAC (NARS), Air Res Rec Cn, Denver, Colo.
Smith, Lt Col Robert Y, fr Hq San Bernardino Air Mat Area, AMC, Norton AFB, Calif.
Stryker, Lt Col William A, fr Hq 3605th Maint & Sup Gp, ATC, Ellington AFB, Tex.
Boyd, Maj (Capt) Irene K, in gr of Maj; fr 3700th USAFH, ATC, Lackland AFB, Tex.
Humphries, Maj Jessie D, fr 3810th USAFH, AU, Maxwell AFB, Ala.
Tepoorten, Maj Eugene E, in gr of Lt Col; fr Hq 802d ADiv, SAC, Schilling AFB, Kans.
Robbins, Maj (Capt) Miron L, in gr of Maj; fr 3700th USAFH, ATC, Lackland AFB, Tex.
Grimes, Maj Karl J, in gr of Lt Col; fr 4472d USAFH, TAC, Turner AFB, Ga.
Weston, Maj Harry J, fr 3600th Fld Maint Sq, ATC, Luke AFB, Ariz.

Army Navy Air Force Journal
2 Nov. 1957 (Vol. 95, P. 249)

Neiswender, Maj Carl H, in gr of Lt Col; fr Hq 807th AB Gp, SAC, March AFB, Calif.
Copelin, Maj Harmon W, in gr of Lt Col; fr Hq Mobile Air Mat Area, AMC, Brookley AFB, Ala.
Hagen, Maj (Capt) William S, in gr of Maj; fr 3700th USAFH, ATC, Lackland AFB, Tex.
Davis, Capt Furman, fr 3810th USAFH, AU, Maxwell AFB, Ala.
Rogers, Capt Richard M, fr 26th Fld Maint Sq, SAC, Lockbourne AFB, O.
Cliff, Capt Charles P, in gr of Maj; fr Hq 3560th Maint & Sup Gp, ATC, Webb AFB, Tex.
Clark, Capt Barbara E, fr 1072d Med Svc Sq.

—Continued on page 16

SEVEN AGES OF THE TELEPHONE

ALL THE WORLD'S A STAGE, and all the men and women merely players. . . . And one man in his time plays many parts, his acts being seven ages. At first the infant . . . SHAKESPEARE

All through the years, from babyhood on, the telephone is an important, indispensable part of almost everything we do. And as the hands that grasp the telephone grow in size and usefulness, so grows also the usefulness of the telephone.



BABY DAYS At first the telephone is just something that rings. But soon the lusty newcomer is saying "hello, Daddy" all by himself and listening in wide-eyed wonder to the magic of Daddy's voice.



GROWING UP It isn't long before the telephone becomes more than a magical fascination. It begins to be something for doing things. A particular pal to call. And a very necessary part of growing up.



DYNAMIC TEENS Life is now a whirl of activity. So many things to do. Girl talks to girl. And boy talks to girl. And there are two happy hearts when she says, "I'd love to go."



JUST MARRIED Two starry-eyed young people starting a new life together. The telephone, which is so much a part of courtship, is also a big help in all the marriage plans and in getting settled.



EARNING A LIVING The years go by and always there is the responsibility of earning a living. Here again the telephone is a speedy, willing, ever-present helper. It is a part of the daily work and the progress of almost everyone.



RAISING A FAMILY Now the telephone becomes more useful than ever. For how could Mother ever run her household and raise a family without it! Friends, relatives, stores, doctors, conveniences—all are so easy to reach by telephone.



IT'S GRANDMA NOW And now she's holding a grandchild on her lap. The telephone that has served her so faithfully now starts a new era of service. The cycle of life and the seven ages of the telephone begin all over again.

tell your friends about
harry's

Because of tremendous volume, well known distillers bottle their whiskies under HARRY'S label, therefore . . .
TREMENDOUS SAVINGS FOR YOU!

FREE PARKING LOT NEXT TO STORE

store hours
WEEKDAYS — 1000-2100
SATURDAY — 1000-2400
harry's
LIQUOR STORE
509 7th ST. S. W., WASHINGTON, D. C.
TELEPHONE ME. 8-5080
FREE DELIVERY IN D. C.

Working together to bring people together . . . BELL TELEPHONE SYSTEM



The Industrial College. The elevation of Maj. Gen. George W. Mundy, USAF, newly appointed Commandant of the Industrial College of the Armed Forces, to the rank of lieutenant general, is a well merited recognition of the importance of this key top-level center of study and learning for all of the military services. Likewise, with so great a part of American industry being involved in production for the Air Force it is timely that the normal rotation of the Services in this position brings an airman to the job.

The new commandant is particularly well qualified. With a diversified career experience in command, operation, and materiel, interspersed with service school attendance, General Mundy has an excellent foundation with which to meet the increased responsibilities and challenges of the Industrial College.

From 1948 to 1952 General Mundy was Deputy Director and then Director of Supply, Maintenance, and Services of the HQ Air Materiel Command. Subsequently, he was assigned as Director, Supply and Services in the Office of the Deputy Chief of Staff, Materiel, HQ USAF. General Mundy assumed command of the Strategic Air Command's Second Air Force at Barksdale AFB on 15 July 1956, after having served one year as Deputy Commander.

Under General Mundy's command, great strides were made in the combat capability of the Second Air Force units. As a flying commander, he flew typical combat missions in all tactical aircraft assigned to his command in order that he would have a full understanding of the problems of a wartime mission. Immediately prior to his reassignment, General Mundy completed pilot transition in the newest B-52 jet bomber and KC-135 jet tanker.

Also new at the Industrial College is Brig. Gen. Kenneth F. Zitzman, USA, who reports as Deputy Commandant for Extension Courses, succeeding Brig. Gen. Frederick E. Calhoun, USAF, who goes to the Air War College at Maxwell AFB, Ala. Also recently reporting was RAdm. Sherman R. Clark, USN, as Deputy Commandant for the Resident Division.

The retiring Commandant, Maj. Gen. Robert P. Hollis, USA, who completed a distinguished career at the College, is leaving for Florida where he has accepted a position with the Research and Engineering Department of the University of Florida.


In its 34 years of operation the Industrial College has contributed much to the Services and to the cooperation between the Forces and their partners in Industry. Its significance and importance is greater today than ever before.

Sputnik Helped. The Russian launching of Sputnik already has been of help to the United States. Although we would rather that the stimulation to our defense program have come about other than by a show of Russian superiority in the satellite field, we at least have the satisfaction of having been moved to action.

As reported on pages 20 and 21 of this issue of THE JOURNAL, there has been a perceptible loosening of the information strings. Rather than trying to keep everything secret from the American people there now seems to be an effort to let them in on the progress being made by the Armed Services in the missile and rocket fields.

Two Congressional Committees also are determined to take a look into the missile field to see just how far we have gone and whether or not we really have been outdistanced by the Russians. There is a tendency here, we believe, to place too much emphasis, by these investigators and others, on the so-called rivalry between the Services as a cause for our failure to make more evident progress. There most certainly

ARMY · NAVY · AIR FORCE



THE GAZETTE OF THE LAND
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SPOKESMAN OF THE SERVICES
SINCE 1863

JOURNAL

(ESTABLISHED 1863 AS THE ARMY AND NAVY JOURNAL)

Published Every Saturday at
1710 Connecticut Avenue Northwest
Washington 9, D. C.
Phone: HObart 2-1220

ROBERT HYDE AMES, Publisher
LEROY WHITMAN, Editor
D. C. BROWN, General Manager

New York. Gene Kraemer, 28 West 44th St., New York 36, N. Y. LOngacre 3-1750.
Detroit. C. J. Sheppard, Penobscot Bldg., Detroit 26, Mich. WOODward 2-3080.
Cleveland. Fred F. Fey, 339 Citizens Bldg., Cleveland 14, Ohio. CHerry 1-2029.
Chicago. Dick Jones, 333 No. Michigan Ave., Chicago 1, Ill. CENTral 6-2828.
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Los Angeles. Chris Dunkle, 740 South Western Ave., Los Angeles 5, Calif. DUNKirk 7-6149.
San Francisco. Jack Kimball, 420 Market St., San Francisco 11, Calif. DOUGlas 2-9183.

Member Audit Bureau of Circulations.
Subscription Rate: To individual members of U. S. Services and their families: One year, \$6.50; Two years, \$11.50; To civilians and organizations: One year, \$8.50; Two years, \$14.50; Single Copies, 25c. Foreign Postage except APO's and FPO's \$1 extra.

"The Army and Navy Journal is established in the interest of no party; it will be controlled by no clique. Its independence will be absolute. Avoiding all personal and political bias, its influence will be directed solely to the inculcation of sound military ideas, and to the elevation of the public service in all its departments."—From Vol. 1, No. 1, Army and Navy Journal, August 29, 1863.

SATURDAY, 2 NOVEMBER 1957

should be a high degree of coordination of effort, but to wipe out rivalry and limit too sharply the activities of each of the Services would be a bar to progress. There is nothing wrong, per se, with rivalry. In fact, rivalry and competition are the keystones to the success of the American system. They provide the stimulus which keeps all efforts at a high key. In fact, even the large corporations encourage a certain amount of rivalry between their divisions.

Secretary of Defense McElroy's action in cancelling the earlier administrative curtailment of expenditures for research and development is another gain, although just how liberalizing his action really is remains somewhat obscure.

Best of all, there seems to be a growing appreciation and understanding in the Administration and throughout the country of the impor-

Readers' Views

SecDef's Action

Editor, THE JOURNAL:

Secretary McElroy's actions as new head of the U. S. Defense set-up strike me as a ray of light in what heretofore has been a very dismal picture.

Abandoning the line set by his predecessor, he has taken a firm stand toward reevaluating this country's position in the missile field. In his recent memorandum, reported this week, he made it quite clear that he will not tolerate unnecessary bottlenecks caused by inter-service rivalry and duplication of effort.

Most of all, he has taken personal charge of the missile situation and will give this country's program all the high level support it needs. He has replaced pious platitudes and delaying tactics with swift, firm action which we have every reason to

believe will be continued.

As a result, he has instilled a new confidence in the defense picture and a hope that further reappraisals may be made in other equally important problems.

Let us hope that he will take a fresh look into the military manpower situation which now finds many extremely capable men forcibly leaving the service of their country.

CAPTAIN, USA

Proficiency Pay

Editor, THE JOURNAL:

I'd like to lodge a complaint.

All the stories I have read concerning the Defense Department's Proficiency Pay Plan say that E-7's are specifically excluded from getting more money. It doesn't make any sense to me. It would make more sense if the plan started at the top

tance of research. While the Administration is still trying to hold the line on expenditures, we believe Congress and the country will demand that whatever is needed be appropriated and spent for the protection of the country.

Service Conventions. Two conventions held this week in Washington, D. C., point up the important function these periodic get-togethers perform for the members of such organizations and for the defense of the Nation. The annual meetings of the Association of the U. S. Army and the Association of Military Surgeons, reported fully on other pages of this issue, provide the Service personnel who attend them the stimulation and enthusiasm that arises from mingling with kindred fellows, all seeking the same objectives but having varied ideas as to how to attain them.

They perform another valuable function in bringing together the military personnel and the representatives of the industries which are serving them. This opportunity for the exchange of ideas on both a formal and informal basis can have far-reaching results.


Perhaps the most important feature of such conventions is the newsworthy exposition of the views of both the Service officers and their civilian supporters. This is shown particularly in the resolutions and supporting speeches and discussion in the Association of the U. S. Army on the subject of career attractiveness, service pay, and the Cordiner proposals.

QUOTES FROM THE JOURNAL

10 Years Ago (1 Nov. 1947)—The President's declaration that there shall be a new dress uniform for officers of the Armed Forces, which will be a required article of apparel, sharpens the need for a substantial upward revision of the Service pay scales. Army officers recall that before WW II when the dress and the full evening dress was required, these uniforms cost upward of \$300. At present day prices the cost to the individual officer probably will be twice that figure.

50 Years Ago (2 Nov. 1907)—President Roosevelt will issue a proclamation on 16 Nov. declaring Oklahoma a state, but the new star will, under the law, not appear on the flag until 4 July, 1908. The forty-sixth star will be placed in the lower right hand corner of the blue field.

90 Years Ago (2 Nov. 1867)—We hail with pleasure the relief of the Southern States from military control. Military occupation of the South is an abnormal condition. It is one we ought not to permit one hour longer than is absolutely necessary. It becomes tyranny when it is not necessary.

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"Lipstick" Feeding For Pilots, New Single Survival Food Packet Described To Medics

New rations developments for all the Services were unveiled this week before the annual meeting of the Association of Military Surgeons of the U. S. at the Statler Hotel, Washington, D. C.

Most spectacular of the new developments is "lipstick" type dispenser to feed pressure-suited pilots flying the new Century series aircraft. Expected to become operational within the next year, the dispensers containing freeze-dehydrated foods will fit into the front of a pilot's pressure helmet. A screw apparatus similar to that found on women's lipstick containers will allow the pilot to push the food into his mouth.

Major difficulty in perfecting the new feeding mechanism is the necessity that the food be not only nourishing, but very tasty as well. "It has to be so tasty," said Lt. Col. William D. Nettles of the Armed Forces Food and Container Institute, Chicago, Ill., "that the pilot, usually preoccupied with many other problems, will want to eat it."

The problem of "taste-temptingness" is a novel one in the military services. The Air Force, he said, has had to develop entirely new foods for high performance aircraft.

Under development are lipstick packages containing chicken, turkey and beef items.

All the services are viewing with interest a project to consolidate all three currently used survival food packets into one which can be used under all conditions, Colonel Nettles said.

The new canned packet will contain 1,000 calories worth of food, distributed among four bars of approximately 250 calories each.

Bars will come in flavors of cereal, fudge, potato chip, meat flavor, fruit cake and fruit. The packet will replace the Survival Arctic, Survival Tropic, and Ration Survival Individual kits now in use.

About 4000 of these packets are already in the field both in the U. S. and overseas for further experiment and development work.

The international Geophysical year taxed the ingenuity of Armed Forces food experts in developing special rations for use in the Antarctic, the Colonel said. To meet the needs of men traveling in two-man tractor trains in this area, the Food and Container Institute developed a special ration based on a ten day cycle of three meals per day. Much use was made of dehydrated foods because of their light weight and lack of susceptibility to freezing.

The request for this ration was received by the Institute on 25 June 1957 and the ration was shipped on 13 August.

Capt. Ayres, Col. Stapp Are Honored By AMS

Seven outstanding military and civilian medical leaders were honored with special awards at the annual convention of the Association of Military Surgeons of the U. S. at the Statler Hotel, Washington, D. C. on 30 October.

Winner of the Sir Henry Wellcome Medal and Prize for the best essay on a military medical subject was Capt. William Wesley Ayres, USN, Assistant Chief of Neuropathology, Armed Forces Institute of Pathology, Washington, D. C. His prize winning essay, "Ependyoma of the Cauda Equina," will be published in the January issue of Military Medicine, official publication of the association. Captain Ayres' award consists of a silver medal, a scroll, and a \$500 honorarium.



Capt. Ayres

Col. John Paul Stapp, USAF, Chief of the Aero Medical Field Laboratory, Holloman AFB, N. Mex., received the AMS's Gorgas Medal for distinguished work in preventive medicine for the Armed Services. The award, which includes a \$500 honorarium, was in recognition of his work on trauma through deceleration during which he many times served as the subject and "risked his life and physical well-being."

Other award winners at the convention were: Miss Ruth Adams, Deputy Director, Nursing Service, Department of Medicine and Surgery, Veterans Administration, Washington, D. C., who received the Maj. Louis Livingston Seaman Prize for her article on the "Care of Long Term Illness Patients on Intermediate Bed Services"; Brig. Gen. Carl W. Tempel, USA, Commander of Valley Forge Army Hospital, Pa., who received the Stitt Award for his contributions to the use of antibiotics in the treatment of tuberculosis; and Miss Edith A. Jones, USPHS, National Institute of Health, Bethesda, Md., who was given the McLester Award for her contributions to the administrative field of dietetics.

Maj. Gen. Paul I. Robinson, USA, Office of the Army Surgeon General, and Col. Robert C. Kimberly, Md. NG, Baltimore, Md., received the AMS Founder's Medal for their contributions to military medicine and meritorious service to the Association.

Honorable mention for the Wellcome Award was given to Col. Bennie A. Moxness, USAF, on duty with the Office of the Air Force Surgeon General.

Medical Research "Shell Game" Scored

The governmental "shell game" now required to obtain adequate funds for basic medical research was scored before the Washington meeting of the Military Surgeons' Association 29 October.

Citing the need for more funds to finance basic medical research, John T. Connor, President of Merck & Co., Inc., said that the requirement that funds be spent for specific purposes and to conquer specific diseases has hindered scientists in their research program.

"Congress," he said, "will never appropriate more than a handful of dollars for the essential task of pushing back the frontiers of knowledge in the medical and biological sciences." As a result, both public and private organizations engage in a kind of "subterfuge" in which money is raised for one purpose and then given to the scientists for a different purpose, which may or may not be related.

"Let's change the obsolete method of appropriations," he said, by which basic research vital to the country can get adequate funds only by subterfuge. Let's face the fact that the federal government, through the National Institutes of Health and the National Science Foundation, must finance basic medical research if it's to be done to the extent needed."

Col. Isherwood Chief Radiologist

Col. John A. Isherwood, former Radiology Chief at Brooke Army Hospital, Ft. Sam Houston, Tex., is the new Chief of the Radiology Service, Walter Reed Army Hospital, Washington, D. C.

Colonel and Mrs. Isherwood have two children, Mrs. David B. Walden of Ithaca, N. Y., and Miss Jane S. Isherwood, a student at Jackson College, Tufts University.

Fill 'Er Up!

The fuel capacity of a new B-52 is approximately 40,000 gallons, at a cost of about 11 cents a gallon.

In other words, when a B-52 pilot says "Fill'er up!", it costs the government \$4,400.

A B-52 burns about 545 gallons of jet fuel per hour of flight.



MEDICAL LEADERS from the United States and 29 foreign countries converged on the Nation's Capital this week for the 64th Annual convention of the Association of Military Surgeons of the United States. Top delegates from the United States pictured at the meet were, left to right: RADM. Bartholomew W. Hogan, Navy Surgeon General; Maj. Gen. Silas B. Hays, Army Surgeon General; Dr. Frank B. Berry, Assistant Secretary of Defense, Health and Medical; Maj. Gen. Dan C. Ogle, Air Force Surgeon General; Dr. Leroy E. Burney, Public Health Service Surgeon General; and Dr. William S. Middleton, VA Chief Medical Director.

Personnel Shortages, Atomic Age Problems Bared At Military Surgeons Convention

The demands of modern scientific progress, including the threat of atomic warfare, provided the backdrop for the deliberations of the 64th Annual Convention of the Association of Military Surgeons of the U. S. in the Statler Hotel, Washington, D. C., 28-30 October.

From the first session through the last, delegates tackled weighty problems of how to set up training programs for the atomic-age physician in the military services and how to gear medical technology for the age of supersonic and space flight.

Interspersed between strictly military discussions were no less weighty meetings set to probe the labyrinths of specialized medical knowledge with an eye to improving present treatment and finding solutions to the many problems which still remain to be solved.

When not otherwise occupied, the 1,500 delegates from the U. S. and 29 foreign countries could roam the corridors of the spacious Statler Hotel to view medical films on all subjects or investigate the newly developed tools of medical science which were set out side by side in an almost unending stream of displays.

For the technically minded there were needles, jellies, marezine motion sickness drugs, wonder drugs, dressings, ointments, operating tables and other precision instruments of the profession. For those more sensationally inclined

there were disposable kidneys and enough "Peace of Mind" pills to tranquilize the world.

The Navy's plans for training medical personnel for atomic age operations were outlined by RADM. Bartholomew W. Hogan, Navy Surgeon General, during a discussion of medical education in the federal services. Looking forward to the not too distant day when atomic powered aircraft carriers will be operational, he said, the Navy is giving some flight surgeons courses in nuclear physics, radiation hazards and radiation detection. A similar course is now being given to submarine surgeons.

For the future, Admiral Hogan said, the Navy is planning a three year program for radiological physicists, including one year's training at a civilian school leading to a master's degree. A three month course for nurses in radiotopes, radiological safety and detection will begin next year.

PERSONNEL SHORTAGE in the medical specialist branches was scored at a meeting of medical specialists from all the services. The shortage is most acute, delegates said, in the fields of occupational therapy, physical therapy and dietetics. To emphasize the seriousness of the situation, LCdr. Thelma Bare pointed out that the Navy has been able to fill only two-thirds of its billets in these fields. The Army and Air Force face a similar problem.

AF Med School Gets All Specialty Training

Supervision of all specialty training in aviation medicine, throughout the Air Force, has been given to the School of Aviation Medicine at Randolph AFB, Tex.

The School will oversee the advanced phases of a five-year program to develop qualified specialists, provided by major air commands in the United States and abroad.

Hitherto, the School has offered one year of study in the specialty, has worked closely with civilian universities on another academic year, and has monitored residencies for medical officers after the first two years.

Under a newly announced decision by Air Force Headquarters, the School also will oversee the final two years of supervised medical practice, in twelve commands ranging from Alaska to Germany.

Maj. Gen. Otis O. Benson, jr., as Commandant of the School, will be responsible for the program.

During an earlier tour as Commandant, five years ago, General Benson contributed largely to a decision by the American Medical Association to grant official recognition to the specialty.

Later, as Director of Medical Staffing and Education at Air Force Headquarters, he established the program which

he now administers. General Benson is vice chairman for aviation medicine on the American Board of Preventive Medicine, which examines and certifies aeromedical specialists.

The effect of the order is to make the progress of candidates for certification a primary concern of the School.

It is one more step in the concentration of Air Force medical activities in the School, on the eve of its move to a new \$10,000,000 plant, now building at Brooks AFB, Texas.

Col. Harold V. Ellingson, Director of Education and Plans for the School, will be in immediate charge of the program.

Col. Mueller Heads Military Surgeons

Col. Charles R. Mueller, USA-Ret., Director of Medical Service for the Veterans Administration Department of Medicine and Surgery, Washington, D. C., has been elected President of the Association of Military Surgeons of the U. S. at the Association's annual meeting in Washington, D. C. 30 October.



Col. Mueller

Prior to his retirement from the Service in 1951 the General was a member of the Physical Review Council in the Office of the Army Surgeon General, Washington, D. C. During the past year he served as First Vice President of the Association.

memo

AUSA OFFICIALS are hopeful that no new Army branch associations will be formed and that existing organizations of this type eventually will want to affiliate with AUSA. Nothing is being done or will be done to discourage formation of such organizations, but AUSA leaders think the broader objectives of the Army Association sooner or later will attract most of the groups into the AUSA camp.

SIMULTANEOUS ARMY AND NAVY open houses gave Washington youngsters and their parents a field day Sunday, 27 October. Anacostia Naval Air Station gave a big show Saturday and Sunday to observe Navy Day. Ft. Myer started open house Sunday, with a special invitation to members of the National Press Club and their families, to show Army's wares in connection with the annual meeting of the Association of the U. S. Army.

ARMY'S ADVANCED SATELLITE plans were stymied in 1955 by a recommendation of scientists to "go the other way," former Defense Secretary Wilson now says. It wasn't the Department's decision to hold the Army back, he contends; scientists wanted to handle it differently to bring it into line with the International Geophysical Year.

DONALD W. DOUGLAS, JR., who succeeds his famous father as President of the Douglas Aircraft Co., has, in his own right, a record in aviation that goes back to the beginning of the famed DC-3. After completing engineering studies at Stanford University and Curtiss-Wright Technical Institute, young Douglas served 6 months in the strength group of the company's engineering division and then transferred to the DC-3 project where he specialized in power plant installation. He's had a hand in virtually all of Douglas's many projects since.

ARMY'S INTEREST IN EVERYTHING AVIATION is evidenced by the recent acceptance for test and evaluation by the Army Aviation Board under Col. Robert R. Williams, at Ft. Rucker, Ala., of a trailer mounted portable mirror landing system such as that used by the Navy aboard carriers. Might turn out to be helpful in getting into small fields at night.

AAA GUN UNITS of the Army National Guard will be converted to NIKE as soon as Guardsmen can get necessary training. Most of the members of the ANG NIKE units will receive their missile training at active Army NIKE sites in their home areas, but about 140 officers and men of each Guard battalion will go to the Army Air Defense Center, Ft. Bliss, Tex.

BLUE COVERS on USAF Extension Course Institute books have fallen prey to the economy bite. To save money, ECI will cover its future course books in the same white paper as the inside pages.

"CARRIER" COMPANIES will be formed at Ft. Dix, N. J., to be shipped overseas intact after advanced Infantry training. Units will be built around four-man teams whose members will be chosen for common interests and backgrounds. Like the "buddy" system, the program will help soldiers to do a better job because they work alongside men they know.

IN RELATIVE HOURS of accident exposure, Seventh Army aviators in Europe claim they are now flying a schedule comparable to the 12th Air Force. The heavy schedule has resulted in the creation of Aviation Safety Divisions at Army Corps headquarters and appointment of Maj. Levon G. Baxter as Chief of Flight Safety for Seventh Army.

LESS WALKING is in store for outgoing personnel at Ellsworth AFB, S. D. A new system, set up by the base telephone exchange, permits central processing center personnel to talk to all clearing agencies simultaneously. Necessary records on the departing man are pulled by the agencies and a daily courier collects and brings them to the processing center. Processing now takes about four hours instead of the previous two-day walkathon.

BUDGET CONSIDERATIONS may bring the Office of Armed Forces Information and Education entirely under OSD. I&E currently is funded by the Army, but the I&E Director comes under the Secretary of Defense's office. A Defense Department ad hoc study group, headed by E. Bryan Williams, Office, Assistant SecDef for Research and Engineering, is studying I&E operations and will make recommendations about the fiscal aspects of the program. Much of the spadework will have been done by the time Brig. Gen. Sidney F. Giffen, USAF, takes over early this month.

EGLIN AFB, FLA., has been declared "a remote area" for dental care, which means that routine dental treatment can now be provided to dependents of personnel stationed at the base. Previously, under the terms of the new Medicare Act, dependents could receive only emergency care.

BRITISH JET BOMBERS JOINED SAC this week in its annual bombing, navigation and reconnaissance competition. British Vulcan and Valiant bombers will make simulated attacks against St. Louis, Kansas City, and Atlanta. U. S. airmen envy their British allies who brought along most of their supplies and personnel in their jet transport cargo squadron, whereas we still use propeller driven transports for this purpose.

WHILE MISSILE TALK ABOUNDS in the U. S., the Army's Southern European Task Force is quietly celebrating its second complete year in Italy as an active Missile Command. Tough, ready SETAF is mobile from its missile units to its combat support group, even to having a pint-sized 'navy' of harbor craft at Leghorn.

MORE CANADIAN OFFICERS will be assigned to NORAD at Ent AFB, Colorado Springs, following the designation of RCAF Air Marshal Slemon as Deputy to CinC General Partridge. Canadian officers are expected to join the NORAD information staff.

THE \$8,000 PRIZE AWARD given to RAdm. Hyman George Rickover, USN, as the American recipient of the 1957 Christopher Columbus Award has been turned back, at his request, to the city of Genoa, Italy. Admiral Rickover wants the money to go to benefit the orphans of Italian seamen killed in WWII. Admiral Rickover, designer of the atomic engine for the USS Nautilus, was honored for his contribution to international communications.

IN THE AGE OF ATOMIC POWER, missiles, supercarriers and supersonic planes, Navy scientists are keeping in contact with "our little feathered friends." Capt. A. B. Metsger, Deputy Chief of Naval Research, reveals that researchers have their eye on desert birds. Navy bird-watchers are seeking a clue which will enable men stranded on life rafts and on deserts to subsist on small amounts of water. PENQUINS ARE THE SUBJECT of another project. The Navy hopes to learn how these birds keep their eggs warm and hatch them in bitter-cold climates. Such a revelation would show the way to keep men warm and functioning in polar regions and at extremely high altitudes.

U. S. ARMY ORDERS

Wilber M. Brucker—Secretary of the Army
 Charles C. Finneane—Under Secretary of the Army
 Arch M. Milton, II—Assistant Secretary (Manpower & Reserve Forces)
 Wesley Short—Assistant Secretary (Civil-Military Affairs)
 Frank H. Higgins—Assistant Secretary (Logistics)
 George H. Roderick—Assistant Secretary (Financial Management)
 William H. Martin—Director, Research and Development
 General Maxwell D. Taylor—Chief of Staff

GENERAL OFFICERS—

Lt General

Nickelsen, Stanley R. (Maj Gen) Ret and
 Adv to Lt Gen on USA Ret List; fr dy CG
 USARDCOM, Ent AFB, Colo.

Maj General

Robinson, Bernard L. Retired upon appl, fr
 Wash, DC.

General Officer Appointments—

To Brig General

W/DR as indicated:

Boyle, Frank A, ChC, 6 Apr '57.
 Youngblood, Norman E, FC, 7 Apr '57.
 Lane, Thomas A, CE, 8 Apr '57.
 Herman, Lyle E, CE, 9 Apr '57.
 Selman, David W, CE, 10 Apr '57.
 Butler, William E, CE, 11 Apr '57.
 Butler, Robert G, OrdC, 12 Apr '57.
 Legare, K. Arty, 13 Apr '57.
 Houseman, Evan McL, TC, 14 Apr '57.
 Nelson, Ralph T, SigC, 15 Apr '57.
 Gilling, Alexander McN, QMC, 16 Apr '57.
 Atulla, Louis E, QMC, 17 Apr '57.
 Ash James H, 2d, Inf, 18 Apr '57.
 Essering, Norman H, TC, 19 Apr '57.
 Greyfus, James, SigC, 20 Apr '57.
 Alvin, G. CE, 21 Apr '57.
 Person, John L, CE, 22 Apr '57.
 Prpper, Philip H, Jr, Arty, 23 Apr '57.
 Poloy, Joseph M, OrdC, 24 Apr '57.
 Rice, Ralph R, Arty, 25 Apr '57.
 Hamilton, William D, SigC, 26 Apr '57.
 Gusher, Edmund C R, TC, 27 Apr '57.
 Rank, Joseph R, QMC, 28 Apr '57.
 Thornley, William K, OrdC, 29 Apr '57.
 Cook, Robert L, Inf, 30 Apr '57.
 Lork, Lester S, Inf, 1 May '57.
 Holloway, Charles G, QMC, 2 May '57.
 Stubbs, Marshall, CmlC, 3 May '57.
 Mackintosh, Hugh, QMC, 4 May '57.
 Wynde, Nelson M, Jr, OrdC, 5 May '57.
 Wisley, Bruce, AGC, 6 May '57.

INFANTRY—

Colonel

Chle, William R, Wash, DC, to OUSARMA
 Am Emb, Djakarta, Indonesia.

Major

To France

Higgs, Bradley, Ft Campbell, Ky.
 Harrop, John W, Ft Polk, La.

Captain

From Ft Benning, Ga, to Station Indicated
 Case, Onore E, XVIII Abn Corps, Ft Bragg,
 NC.
 Cook, Morris G, QM Tng Comd USA (9135)
 Ft Lee, Va.
 Clark, John R, 101st Admin Co (Abn Div)
 (Repl Sec) Ft Campbell, Ky.
 Viard, Warren P, USATC Inf (1401) Ft
 Dix, NJ.
 Meyer, Frederick A, Hq and Hq Co USA
 Elm (8452) Fld Comd, AFSWP, Sandia
 Base, Albuquerque, N Mex.
 To USA Avn Sch (3462) Ft Rucker, Ala
 From Ft Benning, Ga:
 Beck, Michael, Jr, McIlwain, Geo W
 Smith, Athol M

To 82d Abn Div, Ft Bragg, NC

From Ft Benning, Ga:
 Leslie, James M Slavich, Ivan L

To Korea

Kresnahan, Thomas W, Ft Holabird, Md.
 Astro, Paul C, Ft Benning, Ga.
 Woods, Glenn H, Jr, Ft Benning, Ga.

To Germany

From Ft Benning, Ga:
 Britton, John D Broady, Wm
 Embreich, Derald L Carroll, Danford S
 Kelly, Neil A Rogers, Ronald J

1st Lieutenant

John, Robert C, Ft Rucker, Ala, to USA
 Hel Sch, Cp Wolters, Tex.
 Beckwith, Charlie A, Ft Bragg, NC, to Sch
 Brig (3449) USAIS, Ft Benning, Ga.
 Hollowell, Emmett P, Ft Rucker, Ala, to
 2d USA Msl Comd, Ft Hood, Tex.
 Heinke, Daniel P, Ft Rucker, Ala, to Fifth
 USA Fld Det, Ft Sheridan, Ill.
 Vance, James O, Ft Benning, Ga, to 9th Inf
 Div, Ft Carson, Colo.
 Ingram, Roy C, Ft Benning, Ga, to 101st
 Admin Co (Abn Div) (Repl Sec) Ft Camp-
 bell, Ky.

To Off Stu Co USAINTC (8579-04)

Ft Holabird, Md
 Ingrass, Robert J, Ft Riley, Kans.
 Carlow, James W, Ft Jackson, SC.
 Mazur, Mitchell E, Ft Riley, Kans.

2d Lieutenant

Arnum, Albert D, Ft Meade, Md, to US ASA
 Stu Regt (8622) Ft Devens, Mass.
 Wolff, Robert A, Ft Dix, NJ, to 101st Admin
 Co (Abn Div) (Repl Sec) Ft Campbell, Ky.

To 2d Armd Div, Ft Hood, Tex

From Ft Rucker, Ala:
 Myers, Paul L Shaw, Samuel M

To USATC Engr (5017) Ft Leonard Wood, Mo

From Ft Benning, Ga:
 Clark, Wm P Manning, Rulon H, Jr
 Hill, Wm D

ARMOR—

Colonel

Conant, Perry E, Ft Knox, Ky, to USA
 Elm MAAG Vietnam (8653) Saigon.

Major

Morrison, Herman H, Ft Hood, Tex, to USA
 Elm MAAG Vietnam (8653) Saigon.

1st Lieutenant

Reser, J W, Ft Knox, Ky, to USARAL.

2d Lieutenant

To 1st Inf Div, Ft Riley, Kans

From Ft Knox, Ky:
 Adams, Eural E E, Jr Tear, Harry R, Jr
 Hart, Jack S Rutherford, Frank E
 McNeerney, Chas D

ARTILLERY—

Lt Colonel

Elkins, Robert D, Ft Sill, Okla, to Stu Det
 USALS (6302-20) Presidio of Monterey, Cal.
 Stone, John E, Ft Bliss, Tex, to ARADSCH
 (4034) Ft Bliss, Tex, w/sta USA Cmbt Dev
 Exper Cen, Ft Ord, Calif.
 Stubbs, Hugh P, Ft McPherson, Ga, to Korea.

Major

Cooke, Horace G, Ft Rucker, Ala, to TAGO
 USA (8553) Wash, DC.
 Hayes, Robert W, Wash, DC, to USA Fld
 Det O OACSI USA (8532) Wash, DC, w/sta
 Frankfurt, Germany.
 Bassich, Cyril, Jr, Marion, Ala, to USA Air
 Def Cen (4052) Ft Bliss, Tex.
 Frances, Charles A, San Francisco, to OCIN-
 FO (8529) Wash, DC.

Captain

Pe-ranck, John J, Los Angeles, to USAAMS
 (4050) Ft Sill, Okla.
 Graves, Theodore J, Indianapolis, Ind, to
 1st Avn Co 1st Inf Div, Ft Riley, Kans.
 Manning, William E, Ft Meyer, Va, to 40th
 FA Msl Gp, Huntsville, Ala.
 Horton, Max G, Staten Island, NY, to USA
 Arty and Msl Cen (4050) Ft Sill, Okla.
 Jones, Joseph A, Ft Hood, Tex, to USA Elm
 MAAG, Vietnam (8653) Saigon, Vietnam.

1st Lieutenant

Orsburn, Presley O, Ft Polk, La, to Hq USA
 Gar (9393) White Sands Pr Gr, Md.
 Johnson, Stanley C, Dearborn, Mich, to Ger-
 many.

To Off Stu Co (Stu) USA Avn Sch (3462)

Ft Rucker, Ala
 Clayton, John B, 3d, Ft Riley, Kans.
 Pollard, Arnold R, Ft Sill, Okla.

To Korea

Langston, Gary E, Ft Campbell, Ky.
 Bradish, John T, Ft Sill, Okla.
 Dietsch, Richard K, Ft Meade, Md.
 Gibbons, Bruce H, Ft Sill, Okla.
 McSpadden, Dwight E, Ft Riley, Kans.
 Twachtman, Dale H, Ft Sill, Okla.

2d Lieutenant

Nash, Tom P, Jr, Ft Sill, Okla, to 1st Bat
 Gp 26th Inf 1st Inf Div, Ft Riley, Kans.
 Johnson, Ernest D, Ft Bragg, NC, to Off
 Stu Co (Stu) USA Avn Sch (3462) Ft Ruck-
 er, Ala.
 Dodson, Claude C, Jr, Ft Campbell, Ky, to
 Hq USA Arty and Msl Cen (4050) Ft Sill,
 Okla.

From Ft Bliss, Tex, to Station Indicated

Hall, William E, 176th AAA Msl Bn, Edge-
 mont, Pa.
 Bratcher, Willie M, 36th AAA Msl Bn, Ft
 Meade, Md.
 Comer, Winston L, 75th AMM Msl Bn,
 Croom, Md.

To 269th FA Bn, Ft Carson, Colo

From Ft Sill, Okla:
 Huska, Curtis D Serna, Albert I, 3d
 Meeker, James F Stockdale, Phillip N

To 2d Armd Cav Regt, Ft Meade, Md

From Ft Sill, Okla:
 Anapol, Paul R Murphy, John S
 Glibreath, E C Schuyler, Raymond J
 Huber, Stanley A Sessoms, Walter W

To 101st Admin Co (Abn Div) (Repl Sec)

Ft Campbell, Ky
 From Ft Sill, Okla:
 Hill, James L E Penick, Billy R



MAJ. GEN. WEBSTER ANDERSON,
 USA, Philadelphia QM Depot Command-
 er, accepts football from Mr. Charles
 Miller, Social Planning Director of the
 Federation of Jewish Agencies, speaker
 before depot personnel at the "Kick-Off"
 Meeting on behalf of the United Fund.

CORPS OF ENGINEERS—

Maj Gen E C Itchner, C of E
 Colonel

Clock, Raymond M, Ft Campbell, Ky, to Ko-
 rea.

Lt Colonel

Spencer, Thomas F, Wash, DC, to USA Engr
 Cen (9889) Ft Belvoir, Va.

Major

Blum, Henry C, Ft Wadsworth, NY, to USA
 Elm MAAG, Vietnam (8653) Saigon.

Captain

Endicott, Joseph A, Eureka, Calif, to USA
 Engr Cen (9829) Ft Belvoir, Va.

1st Lieutenant

Starkey, Billie D, Ft Belvoir, Va, to 809th
 Engr Bn (USARPAC) Guam, Marianas Is-
 lands.

To Korea

McBride, Arthur L, Ft Bragg, NC.
 Pinon, Michael D, Ft Riley, Kans.
 Mueller, Herbert, Ft Riley, Kans.
 Overstreet, John W, sr, Ft Campbell, Ky.

2d Lieutenant

Tamae, Robert S, Ft Belvoir, Va, to USA
 Engr Div South Pacific (9809) USA Apprais-
 ers Bldg, San Francisco.

To 32d Engr Bn (Msl Comd) Ft Hood, Tex

From Ft Belvoir, Va:
 Black, Calvin D Parker, Wm S, Jr
 Buchanan, Walter T Triftshouser, W C
 Cooke, Thos C Wellenman, Joe N
 Gresham, Batey M, Jr

To Korea

Hedleston, Winn D, Ft Hood, Tex.
 Deeds, Frank E, Ft Belvoir, Va.
 Paragon, Louis, San Francisco.

SIGNAL CORPS—

Maj Gen James D O'Connell, C Sig O
 Colonel

Kneyse, Walter A, Wash, DC, to USA Elm
 JUSMMAT, Ankara, Turkey.

Major

Leonard, Roger L, Ft Huachuca, Ariz, to 7th
 Sig Bn, Paris, France.
 Holden, Frederick L, Ft Bragg, NC, to OAC-
 SI USA (8533) Wash, DC.
 Hummel, John D, Chicago, to USA Elm
 MAAG, Vietnam (8653) Saigon.

DEPARTMENT OF DEFENSE

The Hon. Dwight D. Eisenhower, Com-
mander in Chief of the Armed Forces
 Military Liaison Officer—Brig. Gen. Andrew
 J. Goodpaster

Military Aide—Col. Robert L. Schulz, USA
 Naval Aide—Capt. Evan P. Aurand, USN
 Air Force Aide—Col. Wm. G. Draper, USAF
Secretary of Defense—Nell H. McElroy
 Deputy Secretary of Defense—Donald A.
 Quarles

ASSISTANT SECRETARIES OF DEFENSE:
 W. J. McNell (Comptroller)

William H. Francis, Jr. (Manpower, Per-
 sonnel and Reserve)

Mansfield D. Sprague (International Security)
 Edward P. McGuire (Supply & Logistics)

Dr. Paul Darwin Foote (Research and En-
 gineering) Recess appointment

Floyd S. Bryant (Properties & Installations)
 Dr. Frank B. Berry (Health & Medical)

Murray Snyder (Public Affairs)
 General Counsel—Robert Dechert

Chairman of the Joint Chiefs of Staff—
General Nathan F. Twining, USAF

Captain

Snyder, Gerald D, Ft Hood, Tex, to Hq USA
 Sig Gar (9400) Ft Monmouth, NJ.

Ashley, Joe E, Wash, DC, to USA Sig Tech-
 nical Info Team (9461) Frankfurt, Ger-
 many.

Hardgrove, Everett A, Jr, Wash, DC, to USA
 Fld Det "M" ACISI (8582) Wash, DC, w/sta
 Pasadena, Calif.

1st Lieutenant

To Germany

Bradley, John B, Ft Polk, La.
 King, Gariand B, Jr, Ft Rucker, Ala.

2d Lieutenant

Bushmire, David W, Ft Monmouth, NJ, to
 Hq USA Gar SW Comd (AFSWP) (8460)
 Killeen Base, Tex.

Glover, Leo M, Ft Riley, Kans, to Off Stu
 Co (Stu) (3462) USA Avn Sch, Ft Rucker,
 Ala.

Cox, Charles E, Ft Polk, La, to Germany.

To USA Sig Sup Agency (9335) Philadelphia

From Ft Monmouth, NJ:
 Marshall, Richard H Hubbard, James L

To USA Elet Pr Gr (9470) Ft Huachuca, Ariz

From Ft Monmouth, NJ:
 Steele, David L Oberle, Joseph F
 Goll, Carroll L Midway, Jas T
 Hulting, Robt A

ADJUTANT GENERAL'S CORPS—

Maj Gen Herbert M Jones, TAG

Lt Colonel

Berry, Frank E, Wash DC, to USARCARIB
 (Antilles).

JUDGE ADVOCATE GENERAL'S CORPS—

Maj Gen George W Hickman, TJAG
 Colonel

Mickel, George E, Charlottesville, Va, to Hq
 Sixth USA (6000) Presidio of San Fran-
 cisco, w/sta Hq USA Gar (6006) Ft Lewis,
 Wash.

—Continued on next page

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Army Orders

From preceding page—

Wendorf, Hulen D, Ft Stewart, Ga, to OT-JAG USA (8540), Wash, DC.
Todd, Alan B, Wash, DC, to Germany.

Lt Colonel

Neel, John S, Wash, DC, to Hq Det USA Gar AAA and TK Tng Cen (3444) Ft Stewart, Ga.

QUARTERMASTER CORPS—

Maj Gen Andrew T McNamara, QMG

Major

Barrows, George A, Richmond, Va, to Hq USA Gar (5025) Ft Leavenworth, Kans.
Duffy, Bernard J, jr, Alameda, Calif, to Sharpe Gen Dep USA (9190) Lathrop, Cal.
Kilgore, Max G, Ft Lee, Va, to USA Elm JUSMAG, Philippines (8081) Manila, PI.
Aspen, William V, Chicago, to Hq USA Gar (1201) Ft Jay, Governors Is, NY.
Darling, Howard N, Wash, DC, to QM Tng Comd USA (9135) Ft Lee, Va.
Kirschner, Kenneth B, Seattle, to Korea.
McLaughlin, John E, Chicago, to France.
Maiser, Carl J, Chicago, to Seattle Mil Subs Market Cen USA (9161-09) Seattle.
Tucker, William G, Chicago, to Kan City Mil Subs Market Cen USA (9161-14) Kansas City, Mo.

Captain

Koenig, Merle C, Richmond, Va, to Hawaii.
Setaro, John G, Chicago, to USA Avn Cen (3461) Ft Rucker, Ala.
Spurlin, William H, Chicago, to Los Angeles Mil Subs Market Cen USA (1961-04) Los Angeles.
Lamar, Barney D, jr, Chicago, to Japan.

To QM Tng Comd USA (9135) Ft Lee, Va
From Chicago: Moore, Clyde B

To Korea

Groveston, Loyal E, Columbus, Ohio.
Henson, Robert R, Boston, Mass.
Oravetz, Milan J, Memphis, Tenn.

From Chicago:

Hall, Carroll G Beldeck, Rudolph R
Hining, Leonard M Mumma, Cecil J

1st Lieutenant

Fulton, John D, Ft Wayne, Mich, to 101st Admin (Abn Div) (Repl Sec) Ft Campbell, Ky.
Bucholz, James W, Chicago, to Japan.

To Korea

Pang, Howard K S, Ft Carson, Colo.
Peimear, Karl F, Yuma, Ariz.
McArtor, Donald, Ft Polk, La.

2d Lieutenant

Peters, Merz K, Ft Lee, Va, to Hq USA Gar (7055) Alexandria, Va.

From Ft Lee, Va, to Station Indicated
Matson, Max E, Hq USA Gar (5041) Ft Wayne, Mich.

Bluns, John C, Hq USA Gar (3441) Ft Gordon, Ga.
Gowing, Robert P, Richmond QM Dep USA (9131) Richmond, Va.
Lowe, Joe F, Hq 3d USA Msl Comd, Ft Bragg, NC.
Perry, James N, Washington, DC.
Atkinson, Michael D, Columbus, Ohio.
Magruder, Rob R, Ft Riley, Kans.

To 2d Armd Div, Ft Hood, Tex

From Lt Lee, Va:
Braden, Arthur L, jr Ozawa, Gordon I
Cummins, Harold D

To 524th QM Co, Ft Leonard Wood, Mo
From Lt Lee, Va:
Jackson, Burwayne D Kilneman, Ronald B

FINANCE CORPS—

Maj Gen Harry W Crandall, C of F
Major

Mulhern, Francis L, Chicago, to Watervliet Arsenal (9388) Watervliet, NY.

1st Lieutenant

Boop, Dean A, Ft Benjamin Harrison, Ind, to Germany.

2d Lieutenant

From Ft Benjamin Harrison, Ind, to Station Indicated

Bloedorn, Jack C, Hq 1st Rgn USARADCOM Ft Totten, NY.
Brophy, George T, jr, Hq 2d Rgn USARADCOM (7285-02) Ft Meade, Md.
Koery, Ago, Hq 5th Rgn, USARADCOM, Ft Sheridan, Ill.

To Germany

From Ft Benjamin Harrison, Ind:
Bale, John T Levi, Eldon D
Blaylock, Albert F

To France

From Ft Benjamin Harrison, Ind:
Blakeman, Arthur Ledbetter, Stewart M

Seventh Army Shoot Will Boost Proficiency Of Automatic Rifle

THE Seventh U. S. Army in Europe will embark upon a new marksmanship program early next year designed to bring proficiency with the automatic rifle into prominence with the M-1 and other individual arms.

The Seventh Army Automatic Rifle Championships will be held during the last week of March 1958 on the Grafenwohr ranges of the Seventh Army Training Area in Bavaria.

The field will be divided into two classes, open and tyro. At least half of the final participants must be tyros, or

beginners, men with less than three years of military experience.

Only enlisted men will compete.

Regular elimination matches to select top shooters will be conducted from battle group or battalion level. Each battle group, armored infantry battalion and armored rifle battalion in Seventh Army will field 16 two-man teams for competition at initial levels.

Corps commanders will prescribe further matches to determine 32 two-man teams to compete in the finals.

MEDICAL SERVICES—

Maj Gen Silas B Hays, SG
Medical Corps

Lt Colonel

Hartman, Russell M, Ft Lewis, Wash, to Sierra US Army Ord Depot (9375) Herlong, Calif.
Wolfe, Walter M, Ft Lawton, Wash, to Madigan AH (9952) Tacoma, Wash.
Twineham, Walter C, Ft Jackson, SC, to SETAF.

Captain

Echevarria, Emilio D, Phoenixville, Pa, to USAH (3460-01) Ft McClellan, Ala.

From Ft Sam Houston, Tex, to Station Indicated

Carey, William B, USAH (6944-02) Ft Huachuca, Ariz.
Foss, Richard H, USAH (5017-01) Ft Leonard Wood, Mo.
Frost, Herbert R, Redstone USA Arsenal (9330) Huntsville, Ala.
Gutierrez, Oscar F, USAH (6516-03) Ft Lawton, Wash.

Horava, Alexander, USAFI of Pathology (9903) Washington, DC.
Rosenthal, Stanley D, USAH (1262-01) Ft Dix, NJ.
Walker, Lewis A, USA Disp (7004) Washington, DC.

Gorczyca, Casimir A, Stu Det Hq Second USA (2000) Ft George G Meade, Md, w/sta VA Hosp, Philadelphia, Pa.
Rosteing, Horace M, Stu Det Hq Second USA (2000) Ft George G Meade, Md, w/sta Misericordia Hosp, Philadelphia 43, Pa.
Floyd, Charles H, Stu Det Hq Fifth USA (5000) Chicago, Ill, w/sta at Colorado GH, Denver, Colo.

Jones, LeeRoy G, Stu Det Hq Fifth USA (5000) Chicago, Ill, w/sta at City of Detroit Rec Hosp, Detroit, Mich.
Mangus, Samuel J, Stu Det Hq Second USA (2000) Ft George G Meade, Md, w/sta at VA Hosp, Ft Howard, Md.
Luginbuhl, William H, USAH (3400-01) Ft Campbell, Ky.

Dental Corps—

Maj Gen James M Epperly, Chief
Lt Colonel

Love, William D, Ft Sam Houston, Tex, to Hq USA Gar (1201) Ft Jay, NY.
Lewis, Carter H, Ft Sam Houston, Tex, to USASETAF.
Wakeham, Richard D, Ft Sam Houston, Tex, to Hawaii.

Major

From Ft Sam Houston, Tex, to Station Indicated

Churan, Joseph S, USMA (8600) West Point, NY.
Berlad, Solomon J, Hq USA Gar (1170) Ft Devens, Mass.
Jordan, Algene G, Hq USA Gar (6002) Presidio of San Francisco.
Lee, William T, Hq USA Gar (5012) Ft Sheridan, Ill.
West, Robert H, Germany.

To Hq USA Gar (6006) Ft Lewis, Wash
From Ft Sam Houston, Tex:

Moss, Robert P, jr Ward, Brent L

Captain

From Ft Sam Houston, Tex, to Station Indicated

Duval, Charles H, Hq USA Gar (2142) Lordstown, Warren, Ohio.
Gasior, Edwin J, Hq USA Gar (1170) Ft Devens, Mass.
Seibert, Jay S, USMA (8660) West Point, NY.
Thorne, Charles H, jr, USA Disp (7004) Washington, DC.
Corso, William A, Hq USA Gar (6003) Ft Ord, Calif.
Johnson, Marilyn B, USAH Sandia Base (8454) Albuquerque, NMex.
Alling, Emery E, jr, USARCIB (Panama).
Andrews, James L, Germany.
Osbon, Donald B, USASETAF.

To Stu Det AMSS BAMC (9940)

Ft Sam Houston, Tex

Hettinger, Dale A, Ft Jackson, SC.
Krainik, Earl J, San Francisco.

1st Lieutenant
From Ft Sam Houston, Tex, to Station Indicated

Black, Barth H, William Beaumont AH (9955) El Paso, Tex.
Bowles, William F, III, USA Den Det (4009) Ft Polk, La.
Brown, Carl F, jr, Hq USA Gar (6002) Presidio of San Francisco, Calif.
Ferdon, Charles P, USA Den Det (2164) Ft Eustis, Va.
Finkbeiner, Walter J, jr, USA Den Det (4119) White Sands Pr Gr, Las Cruces, NMex.
Fredey, Eugene F, 1st Armd Div Ft Polk, La.
Gillette, William B, Den Det USA Armor Cen (2128) Ft Knox, Ky.
Greenberg, Lester F, USA Den Det (4009) Ft Polk, La.
Hammond, Charles H, USA Den Det (4052) Ft Bliss, Tex.

Hoffman, Charles H, William Beaumont AH (9955) El Paso, Tex.
Johansen, Nelson H, Hq USA Gar (6017) Cp Hanford, Wash.
Kamphuis, Robert W, USA Den Det (4052) Ft Bliss, Tex.

Kaplan, Norman, USA Den Det (4119) White Sands Pr Gr, Las Cruces, NMex.
Lawler, Robert E, Walter Reed AH (9001) WRAMC, Washington, DC.
McDonald, William L, USA Den Det (4008) Cp Wolters, Tex.

Nixon, Monta, jr, Hq OART Sta Com (9231) OART, Oakland, Calif.
Noskin, Gerald M, Den Det USA Armor Cen (2128) Ft Knox, Ky.

Reedy, Lavern C, USA Den Det (4054) Ft Sill, Okla.
Rose, Lloyd W, Hq USA Gar (2111) Ft Holabird, Md.

Rosenthal, Gary F, Den Det USA Armor Cen (2128) Ft Knox, Ky.
Schulke, Merry D, USA Disp (5040-1) St Louis, Mo.

Sneed, David L, Redstone Arsenal (9330) Huntsville, Ala.
Sydnor, Charles R, jr, USA Den Det (2164) Ft Eustis, Va.
Wiener, Marvin M, USA Den Det (4009) Ft Polk, La.

Medical Service Corps—

Col Bernard Aabel, Chief

Major

Mayer, Benjamin J, Ft Carson, Colo, to Hawaii.

Captain

Crook, Samuel L, sr, Ft Sam Houston, Tex, to Germany.

1st Lieutenant

Millessen, Richard C, Ft Sam Houston, Tex, to Korea.

To Germany

Tully, Daniel E, Ft Lawton, Wash.
Moore, A Gordon, Denver.

1st Lieutenant

Yates, William M, Governors Is, NY, to France.
Rengstorff, Roy H, Ft Dix, NJ, to Germany.

Veterinary Corps—

Brig Gen Elmer W Young, Chief

Lt Colonel

Carter, Leland B, Brooklyn, NY, to Sta Mil Subs Insp Ofc Oakland Mil Subs Market Cen, Alameda Admin Cen, Alameda, Calif.

Major

Farmer, Garland R, Portland, Oreg, to USA Med Rsch Lab (9929) Ft Knox, Ky.

Captain

Cass, Jimm H, jr, Ft Huachuca, Ariz, to Japan.

1st Lieutenant

Riepma, Anthony W, Ft Polk, La, to Sixth USA Spt Elm (6944-01) Ft Huachuca, Ariz.

Army Medical Specialist Corps—

Col Harriet S Lee, Chief

Lt Colonel

Cole, Olena M, Ft Sam Houston, Tex, to William Beaumont AH (9955) El Paso, Tex.

Captain

Williams, June E, Ft Devens, Mass, to Korea.

1st Lieutenant

From Ft Sam Houston, Tex, to Station Indicated

Canton, Phillip A, USAH (4005) Ft Hood, Tex.
Schlorff, Velma G, Ireland AH (2128-01) Ft Knox, Ky.

Gray, Barbara D, USAH (4009) Ft Polk, La.

Army Nurse Corps—

Col Inez Haynes, Chief

Major

Tyler, Anne A, Phoenixville, Pa, to USAH (1262) Ft Dix, NJ.
Fels, Dorothy B, Ft Hood, Tex, to BAMC (9940) Ft Sam Houston, Tex.

Captain

Holden, Frederick I, Ft Bragg, NC, to OACSI (8533) Wash, DC.

1st Lieutenant

McCarthy, Rosemary T, Minneapolis, Minn, to Letterman AH (9956) Presidio of San Francisco.
Rice, Clara D, Cp Hanford, Wash, to USAH (6016-02) Yuma Test Sta, Yuma, Ariz.

ORDNANCE CORPS—

Lt Gen E L Cummings, C of F

1st Lieutenant

Morrow, Robert D, Aberdeen Pr Gr, Md, to USA Ord QM Sch (9352) Huntsville, Ala.
Sessler, James R, jr, Aberdeen Pr Gr, Md, to USA Ord Arsenal Rock Island (9360) Rock Island, Ill.
Williams, Norman H, Albuquerque, N Mex, to SETAF.

2d Lieutenant

Bingham, Irvin R, Aberdeen Pr Gr, Md, to 88th Ord Det (ED) Ft Riley, Kans.
Gonzalez, Richard A, Aberdeen Pr Gr, Md, to Germany.

CHAPLAINS CORPS—

Maj Gen Patrick J Ryan, C of F

Major

Waldie, Thomas E, Ft Campbell, Ky, to XVIII Abn Corps, Ft Bragg, NC.

Captain

Raynis, Edgar A, Ft Wadsworth, NY, to Korea.

TRANSPORTATION CORPS—

Maj Gen Paul F Yount, C of F

Major

O'Donohue, Thomas J, Ft Meade, Md.

Captain

Cloudt, Werner H, Ft Myer, Va, to Hq USA Gar (1201) Ft Jay, Governors Island, NY.
Norman, Thomas G, Ft Eustis, Va, to USA ADGRU (USAR) Ala (3360-01) Birmingham w/sta Dothan, Ala.

Dowds, Peter M, Richmond, Va, to France.

1st Lieutenant

Walker, Perry G, jr, Ft Eustis, Va, to USARAL.
Briggs, Roy E, jr, Ft Rucker, Ala, to 5th Trans Co, Ft Riley, Kans.

Walker, Wayne, Ft Eustis, Va, to Korea.

MILITARY POLICE CORPS—

Brig Gen David Schorr, jr, Acting, PM

Lt Colonel

Kostora, Lee H, Ft Gordon, Ga, to Stu Det USALS (6302-20) Presidio of Monterey, Calif.

WOMEN'S ARMY CORPS—

Col Mary L Milligan, Director

Lt Colonel

Foster, Cora M, Ft McPherson, Ga, to 1st Log Comd, Ft Bragg, NC.

Major

Morrison, Eleanor M, Ft Meade, Md, to 6th of T USA (8564) Wash, DC.

1st Lieutenant

McComsey, Thelma A, Ft Dix, NJ, to US WAC (3465) Ft McClellan, Ala.
Davis, Dorothy A, Ft Leonard Wood, Mo, to US WAC Cen (3465) Ft McClellan, Ala.

CHIEF WARRANT OFFICERS—

Dean, W-2 John W, Ft Myer, Va, to USA Elm Hq Comd SHAPE, Paris, France.
Trask, W-2 Roland E, Ft Monmouth, NJ, to USA Comm Agcy (9423) Wash, DC, w/sta High Point, Va.
Throop, W-3 J C, Ft Meade, Md, to USA Sig Elect Tng Det (9615) Redstone Arsenal, Huntsville, Ala.
Mikulenska, W-3 William J, Ft Benjamin Harrison, Ind, to Korea.
Funke, W-3 Harold W, Ft Eustis, Va, to USA Cml Pr Gr Dugway (771) Dugway, Utah.
Bierbaum, W-2 Keith H, Huntsville, Ala, to 198th Sig Det, Ft Banks, Mass.

To France

Huddleston, W-3 Robert C, Ft Knox, Ky.
Hilliard, W-2 Claude R, Boston, Mass.
Rinehart, W-2 Joseph F, Ft Wayne, Mich.
Spiess, W-2 Jerome J, Ft Polk, La.
Tucker, W-2 Cleo W, Ft Gordon, Ga.
Beardsley, W-3 Robert E, Ft Riley, Kans.
Graham, W-3 James T, jr, Philadelphia, Pa.
Roberts, W-3 Darrell S, Ft Polk, La.

Management Is Key To R & D Problems, Army Director Tells 110 At Science Panel



TOP-RANKING VISITORS to Ft. Bliss, the Army Air Defense Center, for the semi-annual Army Scientific Advisory Panel meeting, left to right: Lt. Gen. James Gavin, Chief of Army's R&D; Dr. Frederick Hovde, panel chairman; Maj. Gen. Sam C. Russell, CG of Ft. Bliss, and Dr. William H. Martin, Director of Army R&D.

MANAGEMENT was spelled out as the key to solving the Army's Research and Development problems by Dr. William H. Martin at the semi-annual meeting of the Army Scientific Advisory Panel held at Ft. Bliss, Tex.

Dr. Martin, civilian director for Army R&D, told 110 top scientific and military personnel that more money is not necessarily the answer to the Army's problems in this field.

"It is how the money is spent that really counts," he said.

"The main factor is management—management by competent people selected because they have demonstrated competence, and who operate under definite decisions as to what they can or cannot do.

The panel spent its time between Ft. Bliss, training center for Army surface-to-air missiles, and White Sands Proving Ground, missile test center 25 miles north into New Mexico.

Lt. Gen. James M. Gavin, the Army's R&D chief, expressed a measure of satisfaction over progress which has been made during the past six months.

Panel discussions included Fire Power, Communications and Electronics, CBR Warfare, Ground Mobility Operations Analysis, Air Mobility and Human Factors.

Other discussion topics during the three day session were Intelligence, Chemical Warfare, Engineer Research on the Polar Ice Cap, Effects of a Nuclear Weapon on a large Biological Specimen, and Blood Vessel and Nerve Repair.

The panel saw Nike Ajax missile firings at Ft. Bliss' McGregor Range, and a Talos missile shoot at White Sands.

Panel host, Maj. Gen. Sam C. Russell, Commanding General of Ft. Bliss, made a welcoming talk.

Dr. Charles C. Lauritsen, panel member, was presented with the Distinguished Civil Service Medal, one of the highest ranking decorations given to civilians. Dr. Lauritsen, professor of physics at California Institute of Technology, was a member of the Firepower sub-panel.

Diamond, W-2 Truman E, Ft Sill, Okla.
Ferry, W-2 Homer F, Philadelphia, Pa.
Street, W-3 Ancil L, Ft Lewis, Wash.
Carpenter, W-2 Robert D, Ft Lewis, Wash.
Leavitt, W-3 Herbert A, Ft Gordon, Ga.
Ingersoll, W-2 Mark J, Ft Bliss, Tex.
Martin, W-2 Herschel E, Ft Carson, Colo.
Poison, W-2 Paul H, jr, Governors Island, NY.

To Germany

McElree, W-2 John W, Ft Bliss, Tex.
Carey, W-2 William M, Ft Leonard Wood, Mo.
Hampton, W-4 Vernon W, Ft Benning, Ga.
Tate, W-3 John C, Ft Lewis, Wash.
Baker, W-2 Russell A, Augusta, Ga.
Campbell, W-4 Carl, Ft Knox, Ky.
Hagman, W-4 Charles M, Ft Hood, Tex.
Knecht, W-4 Lawrence E, Ft McPherson, Ga.
Lamar, W-4 Frank L, Arlington, Va.
Lucas, W-4 George, Ft Baker, Calif.
Rasmussen, W-4 Donald, Army Cml Cen, Md.
Self, W-4 Willard, Atlanta, Ga.
Burke, W-3 Robert J, Ft Lee, Va.
Castagno, W-3 Amadeo, Ft Bragg, NC.
Coffman, W-3 Roy F, Ft Lewis, Wash.
Fauntleroy, W-3 Lorenzo B, Ft Dix, NJ.
Foster, W-3 Marvin E, Ft Devens, Mass.
Hanson, W-3 George T, Governors Island, NY.
Lagana, W-3 James S, Cp Irwin, Calif.
Luntzel, W-3 Adrian A, Ft Bragg, NC.
Matsumoto, W-3 Hideo, Ft Knox, Ky.
Meredith, W-3 Lawrence B, jr, Ft Lewis, Wash.
Peterson, W-3 Victor R, Ft Ord, Calif.
Schnetzler, W-3 Robert H, Ft Benning, Ga.
Stiles, W-3 George F, Aberdeen Pr Gr, Md.
Uphoff, W-3 Milton M, Ft Bliss, Tex.
Bryant, W-2 Fred L, South Charleston, WVa.
Burleson, W-2 Percy L, Ft Polk, La.
Cook, W-2 Buford, Ft Lewis, Wash.
Cox, W-2 Hubert L, Ft Bragg, NC.
Jones, W-2 Paul, Ft Jackson, SC.
Lundquist, W-3 Gordon F, Ft Benjamin Harrison, Ind.
Spleen, W-2 Richard J, Richmond, Va.
Taylor, W-2 Frank, Ft Monmouth, NJ.
Williams, W-2 Ernest E, Ft Knox, Ky.
Willis, W-2 Billy R, Ft Sill, Okla.
Dunnam, W-2 Milford A, Ft Worth, Tex.
Sandusky, W-2 Paul, Ft Sam Houston, Tex.

WARRANT OFFICERS—

Wolford, John P, Aberdeen Pr Gr, Md, to USA Ord GM Sch (9352) Huntsville, Ala.

To Germany

Jean, Guy B, Aberdeen Pr Gr, Md.
Smith, Ralph P, Aberdeen Pr Gr, Md.

RETIRED—

Colonel

Felber, Joseph G, Armor; fr MHD USAH, Ft Jay, NY.

Major

McGuigan, George F, JAGC, pd (80%) fr MHD Walter Reed AMC, Wash, DC.
Combs, Kermit S, Ch C, pd (50%) fr MHD Walter Reed AMC, Wash, DC.
Lang, Walter P, FC; Removed fr temp disab ret list and placed on perm disab ret list (pd 40%).

Captain

O'Neill, William R, Inf, pd (40%) MHD, Letterman AH, San Francisco.
Benton, Mitchell M, jr, Inf, pd (80%) fr MHD Walter Reed AH, Wash, DC.



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Army Orders

From preceding page—

Lind, Hjalmar A A, AGC; fr Ft Knox, Ky.
Dolley, James C, MSC; Ret as Lt Col; fr
Ft Meade, Md.
Miller, Raymond A, Sig C; fr Ft McPherson,
Ga.
Vinson, Wilbur J, Inf; fr Ft Hamilton, NY.
Gregg, George F, Arty (GS) fr Ft Meade, Md.
Tipton, Carl M, QMC, Ft Polk, La.
Racy, Floyd D, Sig C; fr Ft Knox, Ky.

Captain

Synder, Kinsley D, Armor; fr Ft Hood, Tex.
Andrews, Carl W, Sig C; fr Ft Monmouth,
NJ.

Chief Warrant Officer

Johnston, W-3, J C, Jr; fr Ft Polk, La.
Ousley, W-2 Ivon L, QMC; fr Ft Hamilton,
NY.

McGivray, W-2 Harold R, AGC; Ret as W-3;
fr Ft Hamilton, NY.

Roberts, W-2 Raymond E, AGC; Ret as W-3;
fr Ft Banks, Mass.

Pritchard, W-2 Joseph A, AGC; fr Oakland,
Calif.

Clark, W-2 Broadus, AGC; fr Ft Hamilton,
NY.

Halliday, W-4 Grant T, AGC; fr Ft Sill,
Okla.

Oertel, W-4 Willy M, QMC; fr Ogden, Utah.

Hill, W-2 Bryant E, AGC; fr Oakland, Calif.

Bankston, W-3 H R, Ft Bragg, NC.

Jack, W-2 Ralph E, AGC; Ret as W-3; fr
Clatskanie, Oreg.

St Clair, W-2 Marvin W, AGC; Ret as W-3;
fr Ft Hamilton, NY.

Meeler, W-2 Marion E, QMC; fr Ft Stewart,
Ga.

Holst, W-2 Ralph V, QMC; fr Huntsville, Ala.

Holder, W-3 Henry D, Jr, Ret as W-4; fr
Oakland, Calif.

Lightsey, W-3 G R, AGC; fr Ft Hamilton,
NY.

Beuchamp, W-2 James W, Arty; fr Ft Sill,
Okla.

Collins, W-2 James P, CE; fr Cp Wolters,
Tex.

OFFICERS TO TEMP DISAB RET LIST—

Colonel

Wareing, Joel M, Ch C, pd (100%) fr MHD
Walter Reed AH, Wash, DC.

Spittler, August W, MC, pd (50%) fr Fitz-
simons USAH, Denver.

Major

Jogoda, Stanley A, Arty, pd (60%) fr MHD
USAH, Ft Carson, Colo.

Captain

Gragg, George G, Mil Records corrected to
show temp disab ret (30%).

Wilkins, Harry L, Jr, Inf, pd (100%) fr MHD
Letterman AH, San Francisco.

Cunningham, George L, Inf, pd (30%) fr
MHD Walter Reed AH, Wash, DC.

RESIGNED—

Cledenin, Capt Thomas F, Inf.

PROMOTED IN RA—

To Lt Colonel

W/DR as indicated:
Moore, Harmon D, Ch C, 21 Oct '57.

To Major

W/DR as indicated:
Anthony, Carolyn M, WAC, 17 Oct '57.

James, Lee B, Arty, 2 Jan '57.

Parks, Dorothy W, WAC, 10 Aug '57.

Walsh, Ralph J, MSC, 22 Oct '57.

W/DR 1 Sept '57:
Sincilar, M E, WAC

Guyette, M J, WAC

Gentile, M M, WAC

Baker, M M, WAC

Sutherland, K L, WAC

Dahnke, A L, WAC

Carlson, L, WAC

To Captain

W/DR as indicated:
Needles, Herman C, MSC, 20 Oct '57.

Crawford, John P, MSC, 21 Oct '57.

W/DR 17 Oct '57:
Christopherson, William J, MSC.

Dalton, Russell R, MSC.

To 1st Lieutenant

W/DR as indicated:
McCord, John S, Inf, 7 Feb '57.

Wallace, Danny C, Arty, 24 Feb '57.

Wilks, Clarence D, Inf, 31 May '57.

Granger, John D, MPC, 2 Jul '57.

Roberts, William P, Arty, 13 Jul '57.

Brown, Raymond V, Arty, 18 Jul '57.

Haywood, Willie M, Jr, Arty, 18 Jul '57.

Thomas, David L, TC, 17 Sep '57.

W/DR 21 Oct '57:
Van Camp, J P, Inf

Marshall, R E, Inf

Fair, C G, Jr, Arm

Boyd, B K, Inf

W/DR 22 Oct '57:
Dulin, R W, Inf

Hrncir, O T, QMC

RA PROMOTIONS CONFIRMED—

To Major

Cook, T A, Arm

Hauser, J R, TC

Cumby, W P, OrdC

Mathwin, A V, Inf

Curry, J A, TC

McNeill, S F, Jr, SigC

Hart, B A, MSC

Merchant, H W, DC

GEN. HARRISON HEADS NGA

Maj. Gen. William H. Harrison, jr., Adjutant General of Massachusetts, has been elected President of the National Guard Association of the U. S. at the Association's national conference in Louisville, Ky.

He is a member of the Reserve Forces Policy Board of the Department of Defense and a former President of the Adjutant General Association of the United States.

A native of Boston, Mass., General Harrison began his military career when he enlisted in the Navy in 1918. He enlisted as a private in the Massachusetts National Guard in 1923.



Maj. Gen. Harrison

Miles, C E, jr, TC
Miller, A J, ANC
Mitchell, C A, jr, Inf
Moss, F R, CE
Mullen, W C F, QMC
O'Kier, O E, MPC
Peterson, C L, jr, Inf
Peterson, J T, OrdC
Petrone, J C, jr, QMC
Pettigrew, D W, jr, Arty
Pfeiffer, D T, Arm
Phelps, W G, Inf
Pierce, J A, jr, CmlC
Pitts, K P, Inf
Platoff, G E, MC
Preble, C E, jr, Inf
Rawls, L T, Inf
Ripley, R M, Arm
Roddin, R M, CE
Roemer, W A, Arty
Rule, M M, TC
Schoning, R H, TC
Schroeder, H J, Jr, Arty

To Captain

Burkhardt, E W, CE
Cary, R L, Inf
Clinton, E E, DC
Dart, L H, Jr, MC
Davis, W D, Inf
Dobson, R R, Arty
Domnitz, J, MC
DuBois, J J, MC

TEMPORARY PROMOTIONS—

To 1st Lieutenant

Haynes, R E, Arty
Holt, R B, SigC

Nakada, S, DC
Lawrence, G F, CE

APPOINTED IN RA—

2d Lieutenant

Archer, Caleb J, MPC.

SEPARATIONS—

Colonel

Wise, George E, Inf; Reverts to CWO, W-3, RA.
Dayton, William B, Inf; Reverts to CWO, W-3, RA.
Fleming, Anthony, CE; Reverts to CWO, W-2, RA.

Lt Colonel

Griffin, Henry J, AGC; Reverts to CWO, W-2, RA.
Neal, Robert W, TC; Reverts to CWO, W-3, RA.
Yockey, Conway E, AGC.
Wright, Homer E, Inf; Reverts to CWO, W-3, RA.

Emard, Alfred J, AGC; Reverts to CWO, W-3, RA.
Brady, James E, QMC.
Figuerola, Victor A, Inf; Reverts to CWO, W-3, RA.
Turnbull, William L, Inf; Reverts to CWO, W-2, RA.

Beekman, William N, AGC.
Culuris, Steve C, AGC; Reverts to CWO, W-2, RA.
Peterson, Harold, AGC; Reverts to CWO, W-4, RA.

Hopper, Francis L, Inf; Reverts to CWO, W-3, RA.
Joyce, William E, MPC; Reverts to CWO, W-2, RA.
Willems, Norman O, Arty; Reverts to CWO, W-2, RA.

Fleming, Thomas T, QMC.
Johns, Granville M, MPC; Reverts to CWO, W-2, RA.
Hendry, Charles, MPC; Reverts to CWO, W-2, RA.

Wiseman, William R, Cml C; Reverts to CWO, W-2, RA.
Phillips, Leonard L, JAGC.
Stockett, John H, Arty; Reverts to CWO, W-3, RA.

Bechtel, John M, TC; Reverts to CWO, W-3, RA.

Butcher, Elmer H, MPC; Reverts to CWO, W-2, RA.
Davis, John M, MI; Reverts to CWO, W-3, RA.

Captain

Covatos, Constantine, AGC; Reverts to CWO, W-3, RA.
Strawther, William H, jr, QMC; Reverts to CWO, W-2, RA.
Daito, Joseph J, MPC; Reverts to CWO, W-2, RA.

Madden, Jack, jr, Inf; Reverts to CWO, W-2, RA.
Ray, Willard R, Inf; Reverts to CWO, W-2, RA.
West, George A, TC; Reverts to CWO, W-2, RA.

O'Brien, James E, AGC.
1st Lieutenant
Eggers, A L, SigC
Edel, W H, SigC
Kelley, H R, jr, SigC
O, SigC

Chief Warrant Officer
Locke, Leonard J (AS).

HONORABLY DISCHARGED—

Lewis, Lt Col Marlin D, QMC.
Massingill, Maj James H, jr, Arty.
Egan, Capt Thomas A, Armor.

BRANCH ASSIGNMENTS—

Captain

Armstrong, Charles E, Inf, USAR ROTC
Univ of Detroit, Detroit, Mich, trf fr Inf to Armor.

1st Lieutenant

Curtiss, Lester R, Inf, 24th Co 2d Sch Bn
the Sch Brig, Ft Benning, Ga; trf fr Inf to Sig C.
Walker, Samuel P, Inf Co D 1st Bat Gp, 23d
Inf Regt, APO 949, Seattle, Wash, trf fr
Inf to CE.
Ameel, Joseph B, Inf; Inf USA OR Sta USA
Pers Cen, Ft Dix, NJ; trf fr Inf to Armor.

DESIGNATED ARMY AVIATORS—

Freeman, 1st Lt Lewis M, Armor, NG.
Brown, 1st Lt Joseph M, Inf.
Senior Army Aviators:
Rohr, Lt Col Urban E, Inf.
Richardson, Robert M, Armor.
Smith, 1st Lt Donald A, CE.
Felix, Capt Robert L, Inf.

ADVANCED ON RET LIST—

Joyce, M/Sgt John A, adv to Lt Col.
Cromlish, M/Sgt Virgil, adv to 1st Lt.
Babb, M/Sgt Morris, adv to 1st Lt.
Beck, Clarence A, adv to 1st Lt.
Kallenberger, M/Sgt Orval A, adv to 1st Lt.
Shepherd, M/Sgt Reginald, adv to CWO, W-2.

EM RET AND TRF TO USAR—

Naples, M/Sgt P
Lawson, Sfc L F
Borowski, Sfc W
Tormondson, M/Sgt
R S
Zurnick, Sp3 S
Esslinger, Sgt F A
Anderson, M/Sgt C E
Helmold, M/Sgt R J
Pennucci, M/Sgt F S
Pope, Sp1 H
Garrett, Sfc T R
Hill, Sgt C R
Krelling, M/Sgt A W
McKinney, M/Sgt W I
Maddux, M/Sgt L A
Mundt, M/Sgt W C
Scott, Sfc R T
Black, M/Sgt J J
Davis, M/Sgt R E
Highsmith, M/Sgt R
D
Keeling, Sfc C O
Kesner, Sfc J F
Levine, Sp3 J
Moore, Sfc A B
Moore, Sp2 R R
Paul, M/Sgt S R
Richards, Sfc C F
Smith, Sp2 L R
Villar, Sgt P S
Covolo, M/Sgt J
Dennis, M/Sgt C
Lorimer, M/Sgt P, jr
Miller, M/Sgt E
Regan, M/Sgt J W

ENLISTED MEN RETIRED—

Pupo, M/Sgt Antonio
Apodaca, Sp3 Eloy C
Falsey, Sp3 E R
Hartert, Pvt J N
Gill, Cpl Frank
Nash, Pfc James L
Schlipman, Sp3 E C
Evans, Pfc Eugene W
Camlin, Sfc W H
Komskis, Sgt A G
Reynolds, Cpl Billy L
Young, Pvt B T, as
1st Lt
Clevinger, Pfc Paul
Smith, Maj G B
William, M/Sgt L C
Doll, Pfc Robert A
Friedly, Pfc Ernest F
Smith, Sfc Hinton B
Hitzelberger, M/Sgt
J F, ret as LtCol
Post, M/Sgt W B,
Ret as Col
Ryland, M/Sgt S, Ret
as LtCol

EM TO TEMP DISAB RET LIST—

Dobson, M/Sgt J F
Ryan, Sgt Clarence E
Tucker, Sp3 Charles
Fazi, Pfc Ronald J
Pitts, Pfc Howard R
Brown, Pfc Perry M
Canane, Pvt Ronald E
Ehrle, Pvt G E, jr
Bush, Sfc Harold J
Humphries, Sfc John
J, jr
Owens, Sgt Dewey L
Garcia, Pvt Jesse R
Lombardi, Pvt D P
Smith, Sp3 R E, jr
Blount, Sp3 Ernest C
Esser, Sp3 Jack F
Stark, Pvt Henry S
Weisgerber, Pvt J F
Cleversey, Sfc A F
Luebke, Pfc W J
Barrier, Sfc Paul A
Sanders, Sp3 Hopkin
Thomas, Sp3 Roger
Wille, Sfc Gordon R
Butler, Pvt Evon
Davis, Sp3 R L
Edgeton, Pvt F R
Tims, Sp3 F M, jr
Waselewsky, Sgt S,
Ret as Capt.
Ward, M/Sgt W R,
Ret as Capt
Gurnn, M/Sgt J W,
Ret as Capt.
Gray, Pvt James D
Patterson, Pfc E E, jr
Vester, Pfc Frank M
Williams, Pfc B, jr
Pauley, Sp2 Alfred F
Machamer, Sp2 E E
Lawrence, Sp2 C B
Berry, M/Sgt T L

EM REMOVED FR TEMP DISAB RET LIST—

O'Connor, Sfc J P
Atkins, Pfc T V
Brown, Pvt C
Badger, Pvt W J
DiPinto, Pfc A J
Gonzalez, Pvt J
Bahr, Cpl L F, jr,
and disch
Kelchner, Pfc J C
Fitzgerald, Cpl E, jr
Roman, Sp2 A M
Goodykoontz, Pvt W
E, and disch
Brockman, Pfc M R
Henderson, Pfc E L
Landay, Cpl E, and
disch
Cartee, Pfc J C
Pitts, Pvt R, jr
O'Neal, Pvt P J, and
disch

USAF Orders

From page 9—

Hq Comd, USAF, Walter Reed AMC, Wash, DC.
Jenkins, Capt Ralph L, in gr of Maj; fr 1092d Sppt Sq, Hq Comd, USAF, Medicine Base, Tex.
Greenawalt, CWO-4 (W-3) Donald D, in gr of CWO-4; fr 1401st Sup Sq, MATS, Andrews AFB, DC.

Hodgin, CWO-3 John E, fr 1501st Filtn Maint Sq, MATS, Travis AFB, Calif.
Jutz, CWO-3 Alvin N, fr 1923d AACs Sq, MATS, Kelly AFB, Tex.
Rogers, CWO-2 Frank I, in gr of CWO-3; fr 226th Pers Process Sq (AF O'sea Rtn), ConAC, Manhattan Beach AF Sta, NY.
Sarver, CWO-2 Lee H, fr 2750th USAFH, AMC, Wright-Patterson AFB, O.
Doyle, CWO-2 Wayne T, fr Hq 3535th Maint & Sup Gp, ATC, Mather AFB, Calif.

OFFICERS TO TEMP DISAB RET LIST—
Cain, 1st Lt Gus W, fr 3750th USAFH, ATC, Sheppard AFB, Tex.
Roberts, 1st Lt Jared S, fr 2349th USAFH, ConAC, Parks AFB, Calif.
Wall, 2d Lt Allen F, fr 3605th USAFH, ATC, Ellington AFB, Tex.

OFFICERS FR TEMP DISAB RET LIST—
Giese, Maj Edwin J, & disch.

RESIGNED—

Brand, 1st Lt Jack Olsen, 1st Lt John W

PERMANENT PROMOTIONS—

To Lt Colonel

Campbell, Paul W, w/DR 18 Oct 57.
Cobb, Phillip G, w/DR 19 Oct 57.

W/DR 20 Oct 57

Brown, Elwin O Locher, James R
Partridge, Lewis J
Jordan, Wallace R, w/DR 22 Oct 57.
Grierson, Walter H, w/DR 23 Oct 57.

To Major

Remmele, Frank M, w/DR 18 Oct 57.
Hodges, Robert M, w/DR 19 Oct 57.

W/DR 20 Oct 57

Peck, Donald A Hodges, Julian O
W/DR 21 Oct 57

Moore, Jerry P Wennergren, W A, jr
Kimball, John G Hensarling, A L
Schmid, Donald E, w/DR 22 Oct 57.

W/DR 23 Oct 57

Fitzhugh, Richard E Cordes, Harry N
Dunn, John H Hovey, Marsh
Stoble, William H Kells, Walter A
Johnson, Fon E

W/DR 24 Oct 57

Campbell, David D Cassidy, Richard H
Chenault, Charles J

To Captain

Atkins, Herbert L, w/DR 19 Oct 57.
Druckbrodt, Kenneth H, w/DR 22 Oct 57.
Spear, Herbert L, w/DR 23 Oct 57.

Erdmann, Robert L, w/DR 24 Oct 57.

To CWO-3

Hoffman, Harry H, w/DR 18 Oct 57.
Bell, Charles W, w/DR 19 Oct 57.
Morgan, Thomas P, w/DR 20 Oct 57.
Durrett, William, w/DR 21 Oct 57.
Farr, Robert E, w/DR 22 Oct 57.
Peterson, Elmer L, w/DR 23 Oct 57.
Bower, Robert T, w/DR 24 Oct 57.

To CWO-2

Bailey, Leon L, w/DR 19 Oct 57.
Deaux, Robert L, w/DR 20 Oct 57.
Chriss, Andy A, w/DR 21 Oct 57.

TEMPORARY PROMOTIONS—

To 1st Lieutenant

Adams, Richard B Skutack, Daniel E

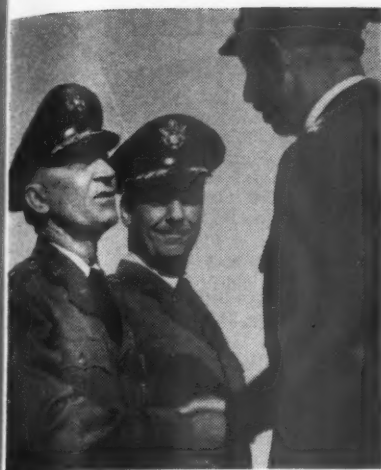
REGAF PROMOTIONS CONFIRMED—

Lt. Colonel

Bruno, Sam Cheney, James S
Burnett, Melvin M Cildress, Peter M
Button, Ervine J Clark, Wallace N
Caples, Robert O Cochran, Wharton C
Carey, Robert H McCarthy, John F, jr

Major

Chandler, F W (MC) Riordan, Daniel W
Wesp, Joseph E (MC) Sheldow, Robert G
Chapman, J A (DC) Simpson, Russell R
Hoskins, Sam W, jr Clarke, Russell C
(DC) Collins, Perry V
Woolf, H M (MSC) Coliver, Robert C
Buck, Robert E Connally, Hulon L
Burnett, Elvin E Cook, Robert M
Burton, Ernest L Cossaboom, W M
Canning, Douglas S Cotton, Allen B
Carey, Russell J, jr Council, Robert E



LT. GEN. JOSEPH SMITH, USAF, (right) Commander, Military Air Transport Service, congratulates Brig. Gen. Joseph G. Hopkins after awarding him the Legion of Merit during retirement ceremonies at McGuire AFB, N. J. Maj. Gen. William S. Stone, (center) MATS Atlantic Division Commander and other prominent military and civilian leaders honored the former Division Deputy Commander as he completed a 34-year military career.

Carlyle, James H
Case, Richard D
Casey, George W
Cavanaugh, W D
Chaffee, William A
Charbonneau, D D
Chavez, Manuel J, jr
Clark, Don O
Clark, James K
Mendenhall, G W

Captain

Connolly, J M (MC)
Ansley, Ben A (MSC)
Croft, David W (MC)
Metcalfe, Boyd H (MC)
Brice, William R
Bunn, Russell A
Burns, John J
Burns, Kenneth R
Bushoorn, Wendal L
Butler, Tommy F
Byron, Milton M
Cameron, James L, jr
Carter, Billy J
Carter, Warren R, jr
Casebier, Dale C

1st Lieutenant

Cantrell, Gayle W
Carney, Charles R
Carter, Jackson B
Carver, James E
Chapman, Robert E
Chasse, Albert J

HONORABLY DISCHARGED—

McLaughlin, Capt Margaret F, fr 3273d Tech
Tng Sq (DA), ATC, Ft Sam Houston, Tex.

SEPARATIONS—

Sandler, Capt G
Maki, Capt E E
Santon, 1st Lt M E

CORRECTION—

Allen, Nelson, prev org re confirmation of his
perm prom as read "1st Lt." IATR "Maj."

AIRMEN ADVANCED ON RET LIST—

Enrford, M/Sgt Thomas E, to gr of Maj.
Miller, M/Sgt Billie N, to gr of Maj.
Pundsack, M/Sgt Charles J, to gr of Maj.
Miser, T/Sgt Edward R, to gr of M/Sgt.

AIRMEN RETURNED TO RET STATUS—

McMullen, M/Sgt Clay D
Turner, M/Sgt Charles J

AIRMEN TRF TO AFRES & ASG INACT STATUS—

Allton, M/Sgt R F
Clark, M/Sgt L F
Clayton, M/Sgt B B
Neal, M/Sgt W S
Fullerton, M/Sgt C E
Howard, M/Sgt H R
MacLeod, M/Sgt S A
McDonald, M/Sgt L L
McQuiston, M/Sgt R W
Swart, M/Sgt Leroy
Weaver, M/Sgt T F
Smith, T/Sgt L
Simmons, T/Sgt C J
Bohenick, M/Sgt J A
Clements, M/Sgt E P
Combs, M/Sgt C T
Earls, M/Sgt R F
Hedgepath, M/Sgt J J
Heidinger, M/Sgt J
Langlois, M/Sgt N J

Longgear, T/Sgt
Lester H
Smith, T/Sgt H J
Mulliner, S/Sgt L J
Zartski, S/Sgt Antoine
Shea, A/IC B I
Manning, M/Sgt H
Fleetwood, S/Sgt E A
Kerchner, T/Sgt F W
Strickland, M/Sgt
Columbus E
Labutta, T/Sgt E E
Dorn, M/Sgt R E
Smith, M/Sgt N E
Williams, M/Sgt C C
Friend, T/Sgt R L
Meyer, T/Sgt Peter
Magruder, T/Sgt T D
Johnson, M/Sgt J E
Vinson, M/Sgt W N
Yeater, M/Sgt J W

Marusinski, M/Sgt
Stanley F
Moore, M/Sgt Odell
Spalde, M/Sgt H F, jr
Wintemute, M/Sgt
Bert O, jr

AIRMEN RETIRED—

Manhart, A/3C C R
Westley, M/Sgt O E
Hanna, A/3C Iral J
Mullen, A/1C R W
Gotcher, A/2C R H
Kaiser, A/3C W A
Reddell, M/Sgt A R
Lambert, A/1C H E
Fischer, A/B J C, jr
Thomas, M/Sgt D J
Hatchett, A/1C W F
Marchant, A/3C C L
Tosorian, A/1C A
Howard, M/Sgt V
Kinzle, M/Sgt C P

Elling, T/Sgt L F, sr
McKinley, M/Sgt J S
Wallace, M/Sgt E
Whiteley, S/Sgt C D
Papizan, M/Sgt E L
John J
Firestone, A/1C H
Hughes, A/1C D, jr
Hall, A/3C J P
McNamara, A/3C J M
Pettit, M/Sgt Ray
Daly, A/2C J J
Gittings, M/Sgt G H

AIRMEN TO TEMP

Dorsey, T/Sgt E S
Johnson, T/Sgt E C
Byrd, S/Sgt L C, jr
Gamez, A/2C Jesus
Haumesser, A/2C T O
Stone, S/Sgt R S
Sanford, S/Sgt C W
Cook, A/1C Eugene
St Cyr, S/Sgt A R
Comorre, A/1C C
Blaggs, A/2C B L
Joong, A/2C T M
Thomas, T/Sgt J C

AIRMEN FR TEMP

Zanow, A/3C D A
Smith, A/3C D B, jr
Puhalsky, A/3C L D

DISAB RET LIST—

Herald, A/2C C R
Beck, A/3C L D
Barker, M/Sgt W T
Gelger, S/Sgt G I
Thibodeaux, A/1C
A H, jr
Trew, A/2C W M
Gonzales, A/2C J E
Cline, S/Sgt L D
Denton, A/1C D J
Ramos, A/1C A M
Jeffreys, T/Sgt M L
Hanson, A/2C L M

RET LIST & DISCH—

Shetler, A/1C R W
Guerrin, A/3C P J

Navy Orders

From page 7—

COMMANDER

Baer, Harold H (CEC), 1ND; to 3ND.
Cornwell, George G, jr (CEC), CO NAVMCB
NR FOUR; to NAVCBCEAN DAVISVILLE.
Flynn, William F (CEC), CO NAVMCB
(SPECIAL); to 1ND.
Johnson, Van L, jr, (DC), NAS PNCLA; to
USS FRANKLIN D ROOSEVELT.
Lanka, Raymond W, CO USS COLONIAL;
to NAVFORJAPAN.
Ruehrmond, Paul L, AIRANTISUBRON 30;
to CO SAMERON.
Snyder, Harry F, LBEACHNAVSHIPYD; to
RAD.
Turner, Henry C, 3ND; to NAVPHIL.
Witten, Charles H, CO USS SOLEY; to
STAFF CINCLANTFLT.
Alexander, Samuel H, BUPERS; to OPNAV.
Baney, Sidney N, JETRNSTU NAS OLATHE
TEMINS; to HATULANT.
Callahan, Maurice D, TRALANT TEM; to
NORVAGRU.
Chimiak, Walter, HYDROFC SUTLAND;
to DESLANT TEM.
Coenrod, Edgar E, CO PATRON FIVE; to

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Ellis, Alma G, 5 ND; to BUPERS.
Fey, William L, jr, OPNAV; to PROV-
MAAG KOREA SEOUL.
Gardner, Ned A, USNAVPGSCOL MONTE-
REY; to USS PIEDMONT.
Ladenheim, Edward L, OFC OF SUPSHIP-
USN AND NAVINSORD NYK; to NYK-
GRU.
Lawrence, Robert E, USNAVPGSCOL MON-
TEREY DUINS; to LBEACHNAVSHIPYD.
Lee, Chester M, BUORD; to CO USS GYANT.
Lee, Florn L, NAVSEC MAAG FRANCE
PARIS; to DESLANT TEM.

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The Schools and Camps listed below are effectively equipped to care for the educational and recreational needs of the children of members of the services and this Directory is recognized as an authentic and reliable aid to service parents in solving the problem of child education. For details as to the Schools listed in this Directory address them directly or communicate with the Army Navy Air Force Journal Dept. of Education, 1711 Conn. Ave., Washington 9, D. C.

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Army Navy Air Force Journal 17
2 Nov. 1957 (Vol. 95, P. 257)

Rankin, Robert S, USS MACON; to DES-
LANT TEM.
Schmidt, Paul M (MC), NAVHOSP GLAKES;
to RAD.
Smith, Carl M, USNAVPGSCOL MONTE-
REY DUINS; to NAVCOMMFAC YOKO-
SUKA.
Sosnowsky, Edward L, USS PIEDMONT; to
CO USS PICTOR.

—Continued on next page

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Anderson, Clyde B. CO USS HAYNES-WORTH; to CO USS MULLINIX.
Buell, Thomas C. NAVORDMISSILE TEST-FAC WHITE SANDS PG; to OIC NAV-GMU NR 22.
Carlson, Wesley W. CO NAVMARCORESTC DETROIT; to CO MSTSA/NCISO MANILA.
Curtis, Archibald W. USS FRANKLIN D ROOSEVELT; to NAVAIRLANT.
Elder, Robert M. CARAIRGRU 12; to NATESTCEN PAXRIV.
Finn, Walter R (SC), NAS KWEST; to USS KEARSARGE.
Gerry, Duane J. OFC OF SUPSHIPUSN NAVINSORD BALTO; to NAVSTA KWEST.
Grant, Merle A. NORVAGRU; to NAVSEC MAAG SPAIN MADRID.
Guinn, Dick H. COMCARAIRGRU SIX; to NAVAIRLANT.
Hadley, Stephen V. FLD COM AFSWP ALBQ; to USS CASTOR.
Hoffman, Richard L. USS JOHN S MCCAIN; to CO USS HOPEWELL.
House, David L. JR. STAFF COMNAVFOR-KOREA; to PROVMAAG KOREA SEOUL.
Ischlinger, Eric. JR. CO USS ROBERT L WILSON; to OPNAV.
Reilly, Charles A. (CEC), BUDOCKS; to PWECEN MARIANAS GUAM.
Starkey, Robert C. CO PATRON 19; to BU-ORD.
Steinauer, Jerome J (DC), NAS HUTCH; to USS ANTIETAM.
Swiderski, Francis E. NAVSTA KWEST; to LBEACHGRU.
Bancroft, John A. JR (DC), USS CASCADE; to NAAS SAUFLEY FLD PNCLA.
Batchelder, Richard M (DC), NAVDENTAL-TECSOL NTC SDIEGO; to USS JASON.
Burton, Roy E. JR. STAFF CINCLANTFLT; to DESLANT TEM.
Doste, John E. DESLANT TEM; to CO USS SOLEY.
Hillis, Walter G (DC), USS CANBERRA; to NAVHOSP PHILA.
McClure, Nathaniel D. III. USS TRIPOLI T; to NATRACOM NAS PNCLA.
McNulty, Willard J. CO USS IRWIN; to CO USS MANSFIELD.
Montgomery, Howard H. JR. BUORD; to NAVSEC MAAG FRANCE PARIS.
Patterson, John D. FLETRAGRU GTMO; to CO USS COLLETT.
Phillips, Edwin W. USS MONTROSE; to MSTSWESTPACAREA.
Price, William W. CO FAIRDEFTC SDIEGO; to CARDIV 17.
Quilter, Ward E. JR (DC), USS LEYTE; to PORTSMOUTHNAVSHIPYD.
Reed, Roy B. CO USS ALGOL; to MSTSWESTPACAREA.
Reedy, Joseph E. CO USS BURTON ISLAND; to NAVSEC MAAG PORTUGAL LISBON.
Ryder, Henry S. NAVENGREXPERSTA ANNA; to SFRANAVSHIPYD.
Scarborough, Rowan L. JR. STAFF CINCLANTFLT; to PHIBGRU TWO.
Schwartz, George M. CO USS HEERMANN; to USS MACON.
Setser, Lester E. G. USS JOHN C BUTLER; to CO USS LEONARD F MASON.
Spalding, William A. JR. DESLANT TEM; to CO USS MOALE.
Stimac, Naden F. JR. CO USS KENNEBEC; to TG 7.3 LNOFF CORONADO.
Taylor, Harold I. JR (CEC), NAVCBCEEN DAVISVILLE; to BUDOCKS.
Vogt, Frederick H (SC), NASD PHILA; to NAVAIRLANT.
Wiese, George W (MSC), HCSOL NTC BAIN; to NAVMEDSCOL NATNAVMED-CEN BETHESDA.
Wynkoop, David P. AIDE TO FADM WILLIAM LEAHY USN OFC OF SECNAV; to DESLANT TEM.
Boyle, Laurence E (CHC), NAVADCOM NTC BAIN; to NAVSTA GUAM.
Dorsey, Patrick D. NAF NAHA; to NAS CORPC.
Demond, Ralph P. CO USS MULLANY; to NAVSEC MAAG JAPAN.
Dewilde, John B (SC), NAVSTA KWAJALEIN; to NAS SEATTLE.
Gullette, George L. OFC OF LEGL NAV-DEPT; to OFC OF JAG NAVDEPT.
Harrington, Travers R. USS GRAND CANYON; to NAVB NPT TEM.
Jenkins, Walter R (CEC), NAS WILLOW GROVE; to DPWO 9ND.
Karcher, Daniel M. CO USS HENLEY; to CO USS DU PONT.
May, Lynde E. III (CHC), NAVHOSP NPT; to NAVSTA ARGENTIA.
Rice, Jonathan F. NPG DAHLGREEN; to MAAG ITALY ROME.
Stroud, George W. USS HELENA; to CRU-DESPAC TEM.

LIEUTENANT COMMANDER
Bicknell, John R. ATKRON 56; to NAS-PWPNFAC KIRTLAND AFB.
Croft, Alfred R. JR. FITRON 123; to CARDIV ONE.
Ehnyart, John W. JSTAFF CINCPAC; to USS OLMSTED.
Evans, Keith J. FAIRWG 14; to NATECHTU NAS PNCLA.

Glye, William H. NAVADCOM NTC GLAKES to USS JOHNSTON.
Howland, Frank S. CO USS WANTUCK; to USNAVPGSCOL MONTEREY DUINS.
Jones, Jimmie C. NAVAIRSHIPTU NAS GLYNCO BRUNSWICK; to CRUITNOP NAVPERSOEN OMAHA.
Mayes, Luther E. JR. SUBPACADMIN MARE; to CO USS BREAM.
Mowrer, Robert A. NAVRECSTA NAVB CHASN; to CO USS WINDHAM COUNTY.
Riley, Horace, JR. OIC CRUITNOP HOU; to CO USS THADDEUS PARKER.
Seymour, Lee W. AIRTRANSRON 22; to NAS NY FLOYD BENNETT FLD BKLYN.
Stauffer, Howard C. USS JOHN R PIERCE; to USS CANBERRA.
Steen, Frank G (MC), NAVHOSP PORTSMOUTH VA; to NAVHOSP CAMLEJ.
Wicks, John P. USS FLETCHER; to CO USS DOUGLAS A MUNRO.
Youngblood, Donald K. USS ESTES; to NAVINSURVACOSCEC.
Adams, William F. 8ND TEM; to CO NAVRECSTA BATON ROUGE.
Ansoorge, Albert C. JR. COMINDIV 91; to MSTSPACAREA.
Beardsley, William J. BUAER; to CARDIV 17.
Bohnholmer, Robert B. NAVSECGRUHD-ACT WASHDC; to NAVCOMSTA ADAK.
Burr, Robert M. USS RUPERTUS; to CRUITRACOM NTC SDIEGO.
Donovan, Martin J. CO NCISO BAHREIN; to NAVHOSP PHILA TRMT.
Ellis, William D. ASO PHILA; to NAVPIC NARECSTA WASHDC DUINS.
Gartner, James L. JR. FLETC CHASN; to USS TULARE.
Keogh, John D. PHIBGRU TWO; to CO NAVMARCORESTC EDDYSTONE.
Kerns, Clifford D. CRUITRACOM NTC BAIN; to USS BENNINGTON.
Maddock, Edmund J. AIRANTISUBRON 27; to NAMATCEN NAVB PHILA.
Manger, Arthur J. USNAVPGSCOL MONTEREY DUINS; to OFC OF BAGR WESTERNDIST EL SEGUNDO.
McIntire, Richard G. OPNAV; to NAVRECSTA WASHDC.
Morales, Luis A (MC), NAVHOSP ANNA; to RAD.
Murray, John T. USS MONSSEN; to USS MULLINIX.
Norris, William H. USS MERRIMACK; to CO NAVMARCORESTC CAMDEN.
Reh, Paul A. OFC OF ASSTINDMAN ASTORIA NAVSTA TONGUE PT; to RESIDENT ASSTINDMAN AND SUPSHIPUSN PORTLAND.
Scott, William C (MC), NAVHOSP KWEST; to RAD.
Shablowski, Chester T. NYKGRU; to USS AUCILLA.
Walters, Hilmon E. JR. USS SANSFIELD; to FLETC NAVB NORVA.
Weimer, Walter H. NAS AKRON; to NAVPIC NAVRECSTA WASHDC DUINS.
Andreen, Robert F. CO NAVCOMMTIC IMPERIAL BEACH; to NAVCOMMFACPHIL SAN MIGUEL.
Brumfield, John F. FLETACSUPPRON TWO; to FLETCACSUPPRON 21.
Christianson, Donald L. FAIRALAMEDA; to NAVGMU NR FOUR NAMISTESTCEN PT MUGU.
Dowell, James W. OPNAV; to USS RAINIER.
Downing, Robert C. ATKRON 126; to BU-ORD.
Duncan, Donald N. AEWRON 15; to BU-AER.
Epstein, Arthur W (MC), NAVHOSP CHASN; to RAD.
Grover, William A. 5ND; to NAS OCEANA.
Hatch, Ellsworth K. USS Hector; to SDIEGOGRU.
Keniston, Robert W. USS YOSEMITE; to OFC OF INSMAT CIN.
Manning, John J. JR (CEC), OFC OF ROICC BUDOCKS CONTR CORAL GABLES; to ASTROICC BUDOCKS CONTR SAME STA.
McCormick, Robert J (SC), USS EVERGLADES; to DIV OF REACTORDEV AEC WASHDC.
McCrear, Gordon H. CO NAVMARCORESTC CUMBERLAND; to CO USS GRAHAM COUNTY.
Nickel, Walter F. NAVCISCOL NAS GLYNCO BRUNSWICK; to PHIBGRU ONE.
O'Brien, William H. USS DES MOINES; to SWULANT.
Osgood, Arthur H. OPNAV; to 14ND.
Pierakos, John C (MC), NAVHOSP PORTSMOUTH, VA; to RAD.
Pulliam, James C. OFC OF JAG NAVDEPT; to OFC OF LEGL NAVDEPT.
Swanstrom, Willis E. FLETRAGRU SDIEGO; to USS MISPELLION.
Tomichuk, John M (SC), NAVADCOM NTC BAIN; to NAS ANACOSTIA WASHDC.
Troup, Howard H. NAVSECSTA WASHDC; to NAVSECGRUACTY FORT GEORGE G MEADE.
Wolfgang, Mary I (NC), MAAG TAIWAN TAIPEI; NAVHOSP PORTSMOUTH VA.
Bayly, Donald C. USS GREAT SITKIN; to 3ND TEM.
Conolly, Theron A. NAVRECSTA WASHDC; to CO USS RECOVERY.
Hall, Albert T. JR. NAVACT SPAIN MADRID; to NAS ROTA.
Karr, Kenneth R. PATRON SIX; NAS HUTCH.

Modernized Midway Joins Pacific Fleet; Has Angled-Deck; Capt. Nuessle Commands

Capt. Francis E. Nuessle, USN, reporting from a two-year tour of duty as Chief of Staff to Commander, Naval Striking Force, Southern Europe, has assumed command of the newly modernized attack aircraft carrier USS Midway.

First of three 45,000-ton carriers built near the end of WW II, the Midway (CVA-41) was launched on 20 March 1945 at the Newport News Shipbuilding and Dry Dock Co. yard. For the past two years, she has been undergoing a stem-to-stern overhaul at the Puget Sound Naval Shipyard, Bremerton, Wash.

The recently recommissioned "floating



Capt. Nuessle

air base" now sports a 418-foot angled deck from which she can launch modern jet planes. Her angled flight deck is 60 feet shorter than those on the 60,000-ton Forrestal class carriers.

The 1957 model Midway, modernized for \$50 million, is eight feet wider at the beam than she was when first commissioned. Her beam now measures 210 feet at the extreme limits. She is 978 feet long and measures 217 feet from water-line to mast-top.

Major changes in the ship include installations for launching guided missiles, three new steam catapults, increased aviation gas and jet fuel capacity, the latest electronic equipment, and tougher plane-handling gear.

She also has been equipped with large elevators. The Number 3 elevator has been relocated to the starboard side.

Living conditions for the ship's 2,400 man crew have been greatly improved by installation of air-conditioning, new paint schemes, the latest in washroom facilities, and redesigned mess halls, lounge and living compartments.

King, Mahlen H. USS KEARSARGE; to NAVPIC NAVRECSTA.
Meekings, Walter J. JR. (MC), NAVHOSP NPT; to RAD.
Raymer, Francis M. 4ND TEM; to MCAS MIAMI TEM.
Smith, Orville E (MSC), NAVHOSP CORPC. Tribble, Gordon B. USS VESOLE; to CO USS DESOTO COUNTY.
Wright, William A. NAVFOREASTCONAD-RGN; to NAVAIRPAC TEM.
Black, Edwin R (DC), NAVHOSP GLAKES; to USS CANBERRA.
Boyd, Charles A. MATS ANDREWS AFB; to MATS SCOTT AFB.
Clift, Frank W. III. STAFF CINCSOUTH; to OPNAV.
Conner, Harry L (SC), FUELSUPOFC WASHDC; to FLAGRU.
Deputy, Marshall P. JR. CO ATKRON 12; to FAIRJAX.
Deroco, Vernon, J. NATECHTU NAS PNCLA; to USTAIWANDEFCON.
Drost, Willis J. NAVRETRAININGCOM CAMP ELLIOTT SDIEGO; to NAVHOSP SDIEGO TRMT.
Fleeger, Eugene G. FLETC NAVB NORVA; to USS PRESTON.
Henderson, Jerome E. PATRON FIVE; to USS DES MOINES.
Hill, Roger E (SC), BUSANDA; to USS BOXER.
Knick, Victor R. HATRON ONE; to NATESTFAC (SHIP INSTL) NAS LAKEHURST.

Lake, Julian S. JR. FITRON 101; to NAVAIRLANT.
Maher, Robert W (MC), AWATKRON 33; to USS LAKE CHAMPLAIN.
Mattila, Martti O (SC), USS GRAND CANYON; NAVSTA NAVB NPT.
Medart, Edward M. TACOGRU; to NAS WHIDBEY ISLAND.
Meeks, Stanley (DC), USS BREMERTON; to NAMISTESTCEN PT MUGU.
Metzger, Donald X. NAVRECSTA WASHDC TEM; to NAS PNCLA TEM.
Schmidt, Esther L (NC), 12ND TEM; to NAVHOSP OAK.
Steele, Leslie H (SC), NSC OAK; to NAVSEC MAAG TAIWAN TSOYING.
Stinson, Gordon M. MATS ANDREWS AFB; to MATS SCOTT AFB.
Sugden, John W. NATESTCEN PAXRIV; to NAVSEC MAAG FEDERPUBLIC OF GERBONN.
Vague, Curtis J (DC), NAVHOSP SDIEGO; to USS LOS ANGELES.
Walters, Robert E. MATS ANDREWS AFB; to MATS SCOTT AFB.
White, Jesse L. OIC CRUITNOP; to USS ELDORADO.

Juniors To Sea Command

Lieutenant (jg)

Zable, Joseph J. USS PIERRE; to CO SAME SHIP.

PacFlt Hq. Graduates Eight From PCO Class

Eight submarine officers have been graduated from the five-week Prospective Submarine Commanding Officers' Course at Pacific Fleet Submarine Force Headquarters, Pearl Harbor, T. H.

The course, conducted by Cdr. George C. Cook, Force Tactical Development Officer, trains prospective sub skippers in tactics for underwater approach, as well as in new torpedo firing methods.

The course includes lectures and classroom work, simulated attack drills and a period of underway operations at sea.

The graduates and their current duty assignments are:

Lcdr. George L. Klug, Staff, Submarine Squadron Three; and, Lieutenants Robert L. Murrill, USS Sea Fox; Harry B. Ellis, USS Raton; Joseph Talago, Jr., USS Carbonero; Jack Brown, USS Diodon; John N. Howard, USS Razorback; C. H. Lowry, Jr., Staff, Submarine Squadron Seven, and J. F. O'Connell, USS Calman.

Cdr. Bland Reports As VW-11's New XO

Cdr. Sylvan R. Bland, Executive Officer of the NROTC Unit, Illinois Institute of Technology, has assumed duties as Executive Officer of Airborne Early Warning Squadron II, based at the Naval Air Test Center, Patuxent River, Md. He succeeds Cdr. Charles A. Skinner.

Lt. Espey to TTAFF Info

Lt. Frederic C. Espey has been assigned to the Office of Information Services at Hq. TTAFF, Gulfport, Miss.

Navy Sets-Up Courses For Contract Officers

A series of two-week courses for Navy negotiators designed to improve contract pricing techniques has begun in Washington, D. C.

Known officially as the Navy Price Analysis Course, the program is sponsored by the Office of Naval Material which controls the Navy's procurement policy.

Each two-week course examines current methods used in cost, price, and profit analysis. In addition, students are taught to analyze the major elements of cost and the use of recently developed statistical cost techniques. Particular emphasis is placed on direct labor, material, and subcontract costs.

The first group of negotiators were welcomed to the new course by RADM. Edward W. Clextan, Chief of Naval Material, on 14 October. About 250 Navy negotiators will attend eight two-week sessions.

The Army and Air Force have been invited to send representatives.

Other courses are planned which will deal with contract administration and contract termination.

Capt. Catlett Reports To Chief Of Personnel

Capt. William J. Catlett, Commanding Officer, Recruit Training Command, U. S. Naval Training Center, Bainbridge, Md., since November 1953, has been ordered to Washington, D. C., where he reports to the Chief of Naval Personnel for a new assignment.

Services Scrap 60MM Mortar; Give Improved 81's Close Support Task

The 60mm mortar soon will be eliminated from the Army and Marine Corps which are tailoring their Infantry units to meet battlefield conditions in the Atomic Age.

Tacticians who devised the "Pentomic" Army structure and the Marine Corps "vertical envelopment" doctrine were guided by the knowledge that survival in future wars dictated dispersion of forces. Widely scattered forces, however, meant that certain weapons no longer would be able to do the jobs for which they were designed.

This is particularly true of the 60mm mortar which was, along with the .30 caliber machine gun, a basic company support weapon for the rifleman.

To meet this deficiency, the streamlined "Pentomic" Army decided to throw out the 60mm mortar and pull the longer-range 81mm mortar down the line to support Infantrymen fighting out of the five-sided structure. In the past, the 81mm mortar has been part of the Heavy Weapons Company assigned to each battalion.

TO FILL THE GAP IN FIRE-POWER created by the loss of 81's from what was the Battalion Heavy Weapons Company, the Army has made 4.2 mortars and the 106mm recoilless rifles the "heavy" support weapons within the new structure.

An Army Ordnance expert explained that it would not be correct to state that one weapon has replaced another since the new "Pentomic" structure "is neither fish nor fowl." Under the "Pentomic" doctrine there is no longer a battalion complex. The new basic organization is made up of about 1,500 officers and men—approximately 1/4th again as large as a WWII complex battalion, but smaller than the old regiment. Under the new concept, support weapons are not permanently attached to any particular group, but instead are an integral part of a combat team and assigned to any area within the attacking five-sided cell as tactical situations arise on the battlefield.

Although 60's are being pared from the new Army, there will be no loss in combat support for the Infantryman since the 81's fire at distances long enough to meet the demands of extended areas of operation. In addition, greater effectiveness is achieved by use of a more potent round of ammunition which has been developed for the 81mm mortar.

THE ARMY EXPECTS to have all its Divisions reorganized along "Pentomic" lines by 30 June 1958.

In the Marine Corps, the First Marine Division, based at MCB Camp Pendleton, Calif., pioneered in the move to reduce assault elements to the point where they are helicopter transportable. Unlike the Army which is tailoring its Divisions to include five combat commands, the Marine Corps is holding to the traditional triangular set-up. The only exception in the Marine Corps organization is on the battalion level where a "square" has been formed by addition of a fourth rifle company. In making the decision to beef up the battalion, the Fleet Marine Force Organization and Composition Board, headed by Maj. Gen. Robert E. Hogaboom, said that the new formation will "provide maximum mobility, reconnaissance capability and shock power necessary to implement the modern concepts of warfare." General Hogaboom has been named for three-star rank as Assistant Commandant.

The First Division already has eliminated the 60mm mortar from its Table of Organization. Marine Corps Headquarters said that the Second and Third Divisions will follow suit, but that "the date of the accomplishment of this reorganization is in the nature of future plans and is classified."

With elimination of the 60 from the battalions weapons systems, the Corps is placing prime reliance on the increased lethality of the 106mm HEAP (High-Explosive Anti-Personnel) round and the greater range and power of the 81mm mortar.

THE 106MM RECOILLESS RIFLE is the chief anti-tank weapon in both the Army and the Marine Corps. The Army version is known as "The Bat," a jeep-



THE M23-A3 81mm Mortar, featuring a ringed tube and circular base-plate, which has been adopted by the "Pentomic" Army, is shown above. The Marine Corps, now using the M23-A1 mortar, may soon adopt the newer version which is constructed of aluminum. Marine Corps 81's, which have replaced the 60mm mortar as a front-line weapon, already are fitted with circular base-plates. The Army's Watervliet Arsenal, Albany, N. Y., has developed a one-piece aluminum base-plate that is being introduced as a replacement for the break-down model. **SHOWN BELOW IS THE BREAK-DOWN 81mm mortar base-plate** which is standard in the Army and the Marine Corps. When fitted together, the inner and outer ring assemblies are locked into place by latches which are secured by ring latch clamping screws. The two-piece base-plate makes it easier for mortar crews to transport their weapons on long marches and over rugged terrain.

mounted model. Since there are some areas where jeeps cannot go, the Army has provided that the 106 rifle can be unbuckled from its mount and hand-carried to inaccessible points.

For its defense against tanks, the Marine Corps has adopted the Army-developed "Onthos," an 8 1/2-ton hit-and-run vehicle which carries six 106's that can be fired singly or in battery. Several of the 106's are detachable and can be hand-transported to meet emergency situations.

As new doctrines were being evolved, Ordnance experts were striving to pare back the weights of existing weapons so that they would dove-tail with requirements on the modern battlefield.

With the decision to throw out the 60mm mortar and make the 81 the basic support mortar, the problem was being worked on at the Army's Watervliet Arsenal, Albany, N. Y.

THE FIRST DEVELOPMENT was a two-piece, circular base-plate designed to replace the WWII-style rectangular base-plate. The rectangular base-plate already has been phased out of the Army and Marine Corps.

At present, the standard 81mm mortar base-plate in the Marine Corps is the M23-A1, consisting of a two-piece steel inner and outer ring assembly.

The two units are held together by three latches which, in turn, are secured by outer ring latch clamping screws. The inner ring assembly contains a socket in which the spherical end of the mortar tube is seated. Both the inner and outer ring assemblies are fitted with two nylon rope carrying handles for easy portability.

The Army, however, which does the bulk of development work for the Marine Corps, already has gone several steps

further. From the two-piece steel ring base-plate, the Army has advanced to a two-piece aluminum base-plate. This model is being phased out in favor of an aluminum one-piece base-plate that is almost half as light as the two-piece steel-base plate used by Leathernecks.

THE WATERVLIET ARSENAL is considering the possibilities of a one-piece titanium base-plate. Although titanium will not reduce weight any further, it may cut down on bulk and provide added durability.

Another improvement in the 81mm mortar is development of a mortar tube with a ringed outer surface. The rings give added strength to the tube and may lead to a shorter barrel. The Watervliet Arsenal also has under development a ringed mortar tube with a smaller diameter at the upper half than the lower half. This may lead to a weight reduction of about four pounds.

In tests conducted at the Marine Corps Development Center, MCB Quantico, Va., it was shown that use of the two-piece base-plate does not slow down the rate of fire. A team of experienced gunners, using the new two-piece base-plate and ringed tube mortar, averaged 50.6 seconds for each 10 rounds fired. Using the WWII-type mortar, it took 53.3 seconds to get off 10 rounds.

The test weapon weighed 107 pounds as contrasted to the 136-pound WWII mortar. The old rectangular, one-piece base-plate weighed 45 pounds while each section of the circular base-plate weighs 24 pounds. Although the weight of steel two-piece base-plate is three pounds heavier than the old model, it is much easier to carry because the load can be broken down. The WWII mortar breaks into three loads, whereas the new models can be hand-carried by four men. This

makes it easier for Infantrymen to carry the 81 on long marches and over rugged terrain. The Quantico tests also showed that the circular base-plate has more overall suitability on various types of soil.

At the same time, the weight of the mortar tube has been slashed back from 44.5 to 28 pounds.

The bipod weight has been knocked down from 46.5 pounds to 31 pounds.

THE QUANTICO TESTS DEMONSTRATED that the grooved tube provides a better gripping surface than the smooth mortar tube. This feature is an asset in transporting the tube through ship hatches and narrow passageways. The externally threaded barrel proved to be extremely advantageous in securing lashings when the mortars were lowered over the side to waiting assault boats.

Some Marines object to the externally ringed tube because the threads make the weapon more difficult to clean.

Elimination of the 60mm mortar from the Army and Marine Corps does not mean that they have been thrown on the junk-pile. On the contrary, since they are ballistically the same as 81's, they will be used extensively in training commands to teach new mortarmen the procedures and techniques of operation. Since 60mm ammunition costs less than 81mm rounds, training costs will be kept at a minimum.

Both Services are making use of a sub-caliber training aid for preliminary training of mortarmen. The device consists of an attachment to a mortar tube which fires a miniature round on a short target range.

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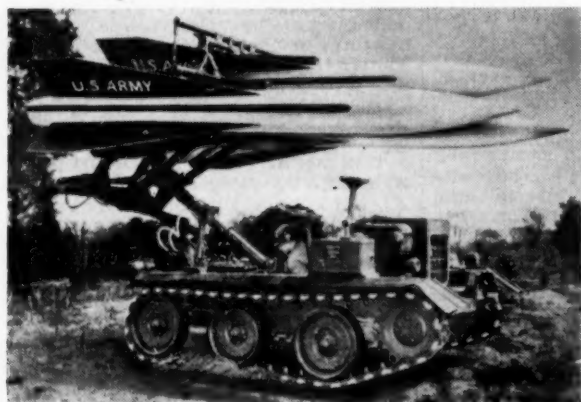
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Hawk Shown To Public At AUSA Meeting; Army Also Reveals Missile's Radar "Eye"



SPECIALIZING in the attack of low flying targets is the Army Hawk, shown here with its own tractor driven missile loader which makes it possible to quickly transfer three of the missiles at a time from storage area to launcher.

ONE of the Army's newest missiles—the Hawk—was put on public display this week at the third annual AUSA meeting in Washington, D. C.

General Maxwell D. Taylor, Chief of Staff of the Army, said the air defense missile system "must be brought forward rapidly." He said the Hawk "in combination with NIKE ZEUS offers the hope of an acceptable level of protection against air attack at all altitudes."

The Hawk specializes in the attack of low flying targets. General Taylor said, "It is the only missile presently under development which can deal with this threat."

In unveiling the new missile, the Army also revealed that the Hawk system has a new type of radar eye which enables the missile "to seek out and destroy invaders even at tree-top level."

The radar "eye" ignores stationary objects but speeds the missile instantly toward a threatening moving aerial target, the Army said. The radar technique is incorporated in the missile's guidance system.

The Hawk weapon system was displayed at a combined AUSA exhibit of Raytheon Manufacturing Co., prime contractor, and Northrop Aircraft, Inc., principal sub-contractor. Raytheon has complete weapon system responsibility for the Hawk program. Northrop is the major sub-contractor for missile airframe components and system support equipment.

On exhibit were a cluster of three Hawks, poised for firing on a triple-mounted launcher. Illustrated displays the loader and other integrated units which give the Hawk system its speed and mobility of operation. A film revealed the 16-foot missile destroying a high speed jet target.

The Hawk's new radar system, the Army said, enables the missile to pick out the reflection from a moving target at low altitudes from a mass of signals reflected from ground objects such as hills, buildings and tree tops. The Hawk is the first missile in mobile field use to employ the advanced radar successfully.

AGARD Meetings

THE AGARD COMBUSTION AND PROPULSION PANEL will hold its 12th Meeting in Washington, D. C., 18-26 Nov. 1957, in conjunction with the Seventh AGARD General Assembly.

The Panel and invited guests will spend two days on technical visits on 18 and 19 Nov., at the Arnold Engineering Development Center and the Lewis Flight Propulsion Laboratory through the courtesy of the Air Force and the National Advisory Committee on Aeronautics respectively. Upon its return to Washington, the Panel will convene in a two day technical session 21 and 22 Nov.

AGARD stands for NATO's Advisory Group for Aeronautical Research and Development.

AGARD AEROMEDICAL PANEL will meet at the Shoreham Hotel, Washington, D. C., 26-27 Nov. 1957. On the program is a symposium on "Aeronautical Preventive Medicine." Six technical papers will be presented by representatives of NATO countries, including papers on: "Aeronautical Preventive Medicine in the U. S. Air Force," by Lt. Col. G. F. Fisher, USAF; and "Aeronautical Preventive Medicine in the U. S. Navy," by Capt. R. L. Christy, USN.

B/G Cassidy's Assignment Is Third MATS DC Post

Brig. Gen. George S. Cassidy, USAF, is the new Deputy Commander of the Military Air Transport Service's Atlantic Division.

The new appointment makes him the first officer to serve in the Deputy Commander billet in all three MATS transport divisions. He previously was Deputy Commander of the Pacific Division, Hickam AFB, Hawaii, and of the Continental Division at Kelly AFB, Tex.

General Cassidy, a command pilot with nearly 10,000 flying hours, is qualified in both four-engine and jet aircraft.

All Army Divs. Will Be Pentomic This Winter

All active U. S. Army divisions will complete reorganization under the Pentomic doctrine this winter.

The Army said that its reorganization is ahead of schedule by six months and that only two divisions remain to be streamlined—the 9th Infantry Division, Ft. Carson, Colo., and the 1st Cavalry Division in Korea.

In a previous announcement the Army redesignated the 24th Infantry Division as the 1st Cavalry Division on 1 August and began reorganization on 15 October.

The 9th Division is slated to begin reorganization on 1 December. When the last two reorganizations are completed, the Army will have completed revamping its forces, which began with the 101st Airborne Division last September.

ARMY FAMILIES GO ALONG

Army enlisted men ordered overseas with less time remaining in service than is needed to give their dependents government paid travel overseas are now being offered four ways to take their families along with the Army footing the bill.

According to new Army rules, an individual in this category may take his dependents overseas at government expense by one of the following options: (1) taking a "short" discharge and reenlisting; (2) extending his term of service by three, six, nine, or 11 months as required; (3) extending his term of service 11 months and signing a statement of intent to re-up or extend; or (4) signing a statement of intent to re-enlist at the expiration of his term of service. (This option is available only to a man who cannot extend because of the six year limitation established by Paragraph 77, AR 601-210).

Missile Contractors Pay Out Millions

All guided missile contractors combined have received less government aid for new facilities than previously was provided a single Air Force contractor for facilities in support of an aircraft engine program.

General Orval R. Cook, USAF-Ret., President of the Aircraft Industries' Association, says the contractors themselves are making up the difference by putting up one dollar for every two contributed by the government for new facilities.

Citing statistics furnished by Brig. Gen. Ben I. Funk, Ballistic Missiles Manager for the Air Materiel Command, General Cook states that from the time the Air Force ballistic missiles program was accelerated in 1954 until July of this year, the Air Force put nearly \$200 million into new facilities to build IRBM's and ICBM's.

During the same period, General Funk's statistics show, contractors on the Atlas, Titan and Thor programs provided about \$100 million of their own funds for the same purpose. None of the dollar figures include investments at ballistic missile testing sites.

General Funk, who heads AMC's Ballistic Missile Office at Inglewood, Calif., says that most of the aircraft industry's \$100 million has been used for seven new plants to support the ballistic missile program. USAF money was used for machine tools and related production equipment, for laboratory and test equipment and for test stands located near contractors' plants.

His report on the industry's investment appears in the latest issue of the *Air University Quarterly Review*.

Navy Vet NAA Missile Engr.

John B. Kane has been appointed Missiles Project Engineer of the Columbus, Ohio Division of North American Aviation, it is announced by G. R. Gehrken, Chief Engineer. Mr. Kane will be responsible for coordinating all missile work in relation to air weapons systems programs under development by the Columbus Division.

The Columbus Division is engaged in several missile projects and has maintained steadily growing activity in the missile and missile target field. Several study and engineering projects concerning missiles have reached the point where the appointment of a general coordinator is deemed advisable.

A Navy veteran, Mr. Kane is 33 years old and has been with North American for about two years.



Col. Harry W. O. Kinnard, USA, seated, examines a miniature model of the celebrated Little John rocket, soon to replace the larger Honest John in the operations of 101st Airborne Division Artillery at Ft. Campbell, Ky. Explaining the workings of the Little John to the new commander of 101st artillery is Lt. Col. Salvo Rizza, the unit's former commander, who became Colonel Kinnard's executive officer in the change of command.

Col. Keating To Missile Center

Col. Robert E. Keating, USAF, has been named Chief of Staff at the Air Force Missile Development Center, Holloman AFB, N. Mex. The new Chief of Staff, a graduate of Air War College, was previously stationed at Rome Air Development Center, Griffiss AFB, New York, where he was Deputy Chief of Staff for Operations. He is a graduate of the University of Wisconsin and entered the service in 1940.



Col. Keating

Colonel Keating, a command pilot, flew 151 combat missions in medium and light bomb aircraft during World War II and Korea.

Colonel Keating is the son of Mr. and Mrs. H. H. Keating, formerly of La Crosse, Wisconsin, now of 163 Deven Drive, Clearwater Beach, Fla. He is married to the former Winifred Brugere of Sioux Falls, South Dakota. They have two daughters, Gail and Jane.

Army Missiles Get Warhead Systems

The Army disclosed at the AUSA meeting that General Electric is working on multi-million dollar projects to develop warhead arming and fuzing systems for five Army missiles.

Colonel Henry C. Thayer, commanding officer, Philadelphia Ordnance District, announced that the General Electric Missile and Ordnance Systems Department in Philadelphia is working on or has recently completed arming and fuzing system projects for the Army's Honest John, Littlejohn, Corporal and Lacrosse surface-to-surface missiles and on the Army's Nike Hercules surface-to-air missile.

The systems are electro-mechanical devices functioning to make guided missile warheads safe for handling, to arm them in flight for readiness, and to trigger them for explosion.

Colonel Thayer made his announcement in connection with the annual meeting of the Association of the United States Army held in Washington, D. C.

Captain Scott's Battery Wins

Maj. Gen. Eugene F. Cardwell, Commanding General, 5th Region U. S. Army Air Defense Command, has named Battery C, 86th AAA Missile Battalion as winner of the quarterly competition for proficiency in NIKE operation.

Battery C, commanded by Capt. Ralph Scott, and located at Palatine, Ill., received the highest scores in the entire 5th Region area during the first quarter of FY 1958. The battery was presented the "5th RAADCOM Plaque for Operational Readiness" by Lt. Gen. Stanley R. Mickelsen, USA-Ret, former Commanding General United States Army Air Defense Command, during ceremonies at Ft. Sheridan, Ill.

Lt. Col. Rachal Cinfo

One of the Army's first parachute officers, Lt. Col. Daniel W. Rachal, is assuming the duties of chief of information at Fort Carson, Colo. He succeeds Lt. Col. Henry T. Brown, Carson's first chief of information, who will return to civilian life and the construction business in Bismarck, N. D.

Capt. George L. Marton takes over as public information officer, succeeding Maj. Harold S. Fischgrund, PIO for the past three months who is moving to the 9th Infantry Division G-3, operations and planning section.

The Army is activating special Engineer Companies, Redstone, to handle battle-front plants that will make the large quantities of liquid oxygen used in missiles.

Development of the compact, mobile plant, the Army said, solves the major logistics problem of supplying liquid oxygen—called LOX—which enables the huge Redstone to be employed as a field unit.

Because of its minus 297 degrees (F) temperature and high rate of evaporation, LOX must be near the missile launching sites.

The Army has found it impractical to store the fuel for long or haul it over extreme distances in mobile military operations.

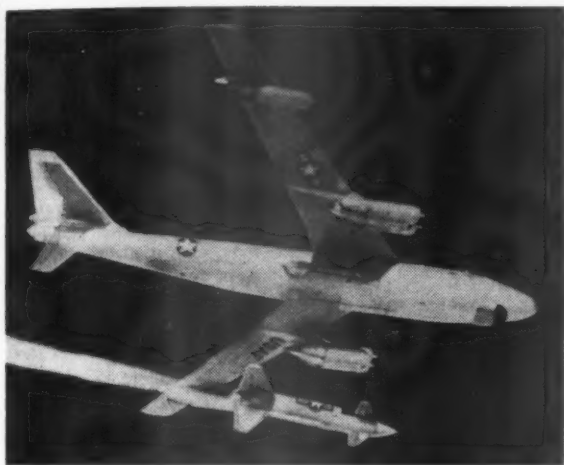
The plant, which was shown to the public for the first time at the opening exhibit of Army equipment at Ft. Myer, Va., on 27 October, in connection with the annual meeting of the Association of the U. S. Army, produces 20 tons (80

barrels a day). The pilot model plant cost \$1 million.

Maj. Gen. E. C. Itschner, Chief of Engineers, said the training of crews for field operations is already underway at the Engineer School, Ft. Belvoir, Va. These crews, the General said, will comprise units of the new Engineer Companies, Redstone, being organized and trained to provide engineer support as organic units of the Army's new Redstone Groups.

The 508th Engineer Company, first to be activated, has been trained on smaller development equipment. The 508th is stationed at the Redstone Arsenal, Huntsville, Ala.

In addition to their front-line plant duties, the new units will give technical support to the Groups, such as supplying high-pressure air, electric power, fire protection, maintenance and surveying to determine locations for launching sites.



GAM-63 RASCAL air-to-surface guided missile drops away from B-47 bomber after launching at Air Force Missile Development Center in New Mexico. Rascal, designed and built by Bell Aircraft Corp., has scored direct hits on a 1,500-foot radius target on its last four firings. Distance from launch point to target was not disclosed, but the Air Force has identified Rascal as a "long range" missile.

MOWW Elects Officers, Retires Col. Bettelheim

The Military Order of the World Wars closed its 37th National Convention in Miami Beach with the retirement of Col. Edwin S. Bettelheim, jr., who had served as its Adjutant General for 27 years, and, as a tribute to his devoted service, also retired the title of "Adjutant General." Hereafter the office will be known as Secretary General.

The late Admiral William Sheppard Benson, Chief of Naval Operations during World War I, was honored by posthumous election as an Honorary Past Commander-in-Chief of the Order. He had been a member of the Boston Chapter at his death. The nomination was made by RAdm. Harold C. Train, who served on Admiral Benson's Staff.

The Order urged the issuance of a commemorative postage stamp honoring the hundredth anniversary on 13 September 1960 of the birth of the late General of the Armies, John J. Pershing, a past national commander of the Order.

Lt. Col. Howard E. Cox, USAFR, of New York, was elected Commander-in-Chief, succeeding Lt. Col. H. Leslie Buswell, of Miami Beach.

Other officers elected include: Cdr. Robert G. Kales, USNR, of Detroit, and Maj. Gen. Wallace W. Irvine, ret., of La Jolla, Calif., vice commanders-in-chief; Maj. Gen. P. J. Ryan, Chief of Chaplains USA, Chaplain General; Col. William E. Schooley, F-Res, Washington banker, Treasurer General; Col. Henry G. Simonite, USAR, Miami, Judge Advocate General; Lt. Hans von Leden, USNR, Chicago, Surgeon General; Col. B. C. Allen, III, San Francisco, Historian General.

Maj. Lipscomb Recruits

Maj. Mary Lipscomb, AMSPC, formerly Director of Dietetic Internship at Brooke Army Hospital, Ft. Sam Houston, Tex., has been assigned to the staff of the Fifth Army Adjutant General, Chicago, Ill. She will conduct Medical Specialist Corps recruitment in the 13 states of the Fifth Army area.

Riley AAA Battalion Celebrates Nine Years

Men of the 48th Anti-Aircraft Artillery Battalion at Ft. Riley, Kans., displayed their marching prowess and the weapons for which their specialized mission calls in recent observance of their ninth organization day.

Activated in 1948, the unit is descended from the 639th AAA which fought with the 1st Division during the Battle of the Bulge. The 48th AAA was the first such battalion to become an integral component of an Infantry division when it became part of the 1st Division. It was attached to the Fifth Army when the 1st Division underwent pentomic reorganization.

The review, conducted by the Non-commissioned Officers of the unit, was led by M/Sgt. William Craig, sergeant major of the battalion. Master Sergeants Curtis Rutledge and Walter Peyton and SFC Arthur Cullen assisted in the review.

Rangers Go To England For Commando Course

1st Lieutenants Karl F. Lange and Richard M. Rodney, attached to the Ranger Department, Infantry School, Ft. Benning, Ga., have been chosen to attend the British Commando course conducted by the Royal Marines at Brickley, Devon, England.

Ranger training evolved from the Commando course in 1942 when 500 volunteers were sent to Scotland under command of Maj. William O. Darby for training as the First Rangers. In Scotland, Commando instructors were placed in charge of each company and taught battle tactics to the American troops.

Lieutenants Lange and Rodney will study present-day Commando methods for possible inclusion in the American Ranger course. This will be the first official training where Ranger officers have joined their British counterparts since WWII. The Commando course lasts six weeks.

Services Loosen Missile Information As House Committees Begin Studies

FULL scale investigations by the House Appropriations Committee and the House Information Subcommittee during the next month will delve deeply into charges that interservice rivalry and lack of a free exchange of information among the Services have caused serious lags in the U. S. missile program.

The Information Subcommittee, headed by Representative John E. Moss (D., Calif.), began its investigations 28 October. The Appropriations Committee will investigate through its 13-man subcommittee on defense appropriations, headed by Representative George Mahon (D., Tex.). It will begin its sessions in California 4 November and move to Washington to quiz top Defense officials 20 November.

In the meantime, all the Services have loosened the security wraps on many missile developments and unveiled many substantial achievements in the missile and rocketry field.

Highlighted by the firing of an Air Force rocket more than 4,000 miles above the earth in Operation Far Side, the new developments cover the missile field from basic research through a number of weapons now disclosed to be in operational use.

Here's the status of many U. S. missiles as detailed in recent reports from Defense Department and industry sources:

THE ARMY

THE JUPITER intermediate-range ballistic missile was successfully fired 22 October at Cape Canaveral, Fla. Reports of the test indicated that the missile scored a bulls-eye on the target.

THE NIKE ZEUS missile was said to have great potentialities as an anti-missile missile. (THE JOURNAL 26 October).

A BATTLE-FRONT INDUSTRIAL PLANT for making large quantities of liquid oxygen, a basic missile fuel, is now in production. It will service the Redstone and other missiles.

THE NAVY

THE VANGUARD, satellite-launching missile, rose 109 miles in its third successful firing at Cape Canaveral, Fla., 23 October. This was a test of the rocket's first stage.

THE SIDEWINDER air-to-air missile was described as so accurate "it could shoot a flare-pot off the wing of a target drone." The missile is said to be capable of supersonic launching and is described as accurate even at altitudes above 50,000 feet.

THE POLARIS intermediate range ballistic missile received a push with the award of a \$61.2 million development contract to Lockheed aircraft. This is in addition to \$32 million in contracts previously awarded for development of the missile. The 1,500-mile-range missile can be launched from submarines or surface ships.

THE AIR FORCE

THE THOR intermediate-range ballistic missile was successfully test fired 24 October at Cape Canaveral, Fla.

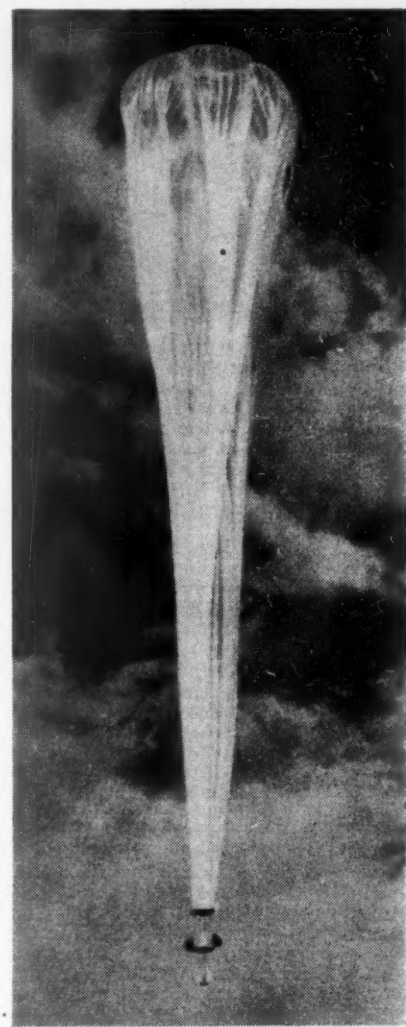
THE RASCAL air-to-ground rocket was successfully fired for the fourth time 16 October in New Mexico. Air Force announcements said that the 300 to 500 mile weapon scored direct hits in all four firings.

Air Force Deactivates 461st Tac. Bomb Wing

The Air Force will deactivate the 461st Tactical Bomb Wing, Blytheville, Ark., in January.

Approximately 250 officers, 1,800 airmen, and 200 civilians are assigned to the Wing commanded by Col. Thomas R. Ford. The majority of military personnel will be reassigned to other TAC units, the Air Force said.

Present plans call for movement of a Strategic Air Command unit to Blytheville AFB when the base is enlarged to meet the requirements of the SAC mission. During the construction period the base will be placed on a semi-operational basis.



THE AIR FORCE'S FAR SIDE ROCKET which soared to new heights of more than 4,000 miles over the Pacific is pictured suspended from its carrier balloon as it rises to a launching altitude of 100,000 feet. The rocket was fired straight up, through the top of the balloon.

THE BOMARC antiaircraft missile was reported successfully fired at Cape Canaveral, Fla. It knocked down a radio controlled drone plane more than 100 miles away.

THE ATLAS intercontinental ballistic missile program was cut three times this year, according to sources in the Aircraft industry. Other missile and aircraft production was also said to have been reduced.

"PIED PIPER," a 500 pound photo reconnaissance satellite was described by industry sources as a possible reality within the next 12 to 15 months if the project were pushed as an all-out effort. Sometimes called "Big Brother," the reconnaissance satellite was first revealed to the public by a French scientist who said that the project is being developed by Lockheed Aircraft Corporation.

B/G Bullock Reports To Artillery Center

BRIG. GEN. WILLIAM C. BULLOCK, Chief of Staff, Allied Land Forces, Southeastern Europe, with Headquarters at Izmir, Turkey, has been assigned to Headquarters, U. S. Army Training Center (Field Artillery), Ft. Chaffee, Ark. He reports in April.

BRIG. GEN. JAMES O. CURTIS, JR., Office of the Deputy Chief of Staff for Operations, Washington, D. C., shifts to Headquarters, U. S. Army Element, Supreme Headquarters, Allied Powers in Europe, Paris, France, in November.

BRIG. GEN. THOMAS F. VAN NATTA, Assistant Division Commander, 1st Armored Division, Ft. Polk, La., goes to Headquarters, U. S. Army.

SERVICE FAMILY NOTES



FIRST CLASS IN NURSE'S AID TRAINING of the JANGO Guild at the U. S. Naval Hospital, National Naval Medical Center, are honored at a graduation program and capping ceremony. Comdr. Ruth Houghton, Nurse Corps, USN, Chief of Nursing Services for the Naval Hospital, capped the young ladies. Guest speaker was RAdm. Bartholomew W. Hogan, Navy Surgeon General. The young ladies are (front row, l to r): Miss Linda Leach, Miss Debbie Hickey, Miss Sandy Faubion, Miss Anabette Pace. Others are (back row, l to r): Miss Joan Brown, Miss Maryanne Doyle, Miss Pat Hanavan, Miss Virginia Pearson, and Miss Mildred Jeansonne. (Miss Sandra McQuilkin finished with the class, but due to her being transferred, did not participate in the ceremonies.)

Adm. Wright Entertains—

FRENCH dignitaries in Norfolk and Yorktown, Va., commemorating the 176th anniversary of the defeat of Lord Cornwallis at Yorktown, were honored with a luncheon on board the battleship Iowa by Admiral Jerauld Wright, Supreme Allied Commander, Atlantic, and RAdm. Lewis S. Parks, Commander Battleship-Cruiser Force, U. S. Atlantic Fleet. In the party were Norfolk Mayor Fred Duckworth; Rt. Honorable Comte de Lafayette; French Ambassador Herve Alphand; Counselor Pierre Landy of the French Embassy; Col. Catesby-Jones, President General of the Order of Cincinnati; French Consul Pierre Schmitz; Rt. Rev. Monsignor Potevan, Chief of Catholic Chaplains, French Navy; Marquis de Grasse; Count Jean Rochambeau; and Capt. F. J. Becton, USN, Commanding Officer of the Iowa.

General's Daughters Honored—

Misses Mary Louise and Rosa Ann McGarr, senior and sophomore, respectively, at Lake Erie College, Painesville, Ohio, have received faculty citation for scholarly distinction for the entire work of their preceding years at the liberal arts college. Mary Louise received the citation for the work of three years, and Rosa Ann, for the work of her freshman year. The girls are the daughters of Maj. Gen. and Mrs. Lionel C. McGarr, 1 Scott Avenue, Ft. Leavenworth, Kans.

General McGarr is Commanding General of the Post and Commandant of the U. S. Army Command and General Staff College, the senior School of tactics in the U. S. Army's educational system.

Army S. G. Women's Club—

The November luncheon of the Women's Club of the Army Surgeon General's Office will be held on Thursday, 14 Nov., at 12 noon, at the Walter Reed Officers' Club, with Mrs. Volney H. Rattan and members of the Falls Church unit in charge of arrangements.

Mrs. Dorothea Kendricks, who will speak on "Seasonal Decorations," will be introduced by the program chairman, Mrs. Charles H. Gingles. Guests will include Mesdames Leonard D. Heaton, Thomas J. Hartford, Harlan Taylor and Wallace Mallory.

Engineer Officers' Wives Club—

Members of the Engineer Officers' Wives' Club of Washington, will hold their 7 Nov. luncheon at the Ft. McNair Officers' Club. The guest speaker will be Mrs. Dorothy Gearhart, buyer for one of Washington's leading stores and teacher of interior design for the Graduate School of the Department of Agriculture.

Mrs. Emerson C. Itschner, wife of the Army's Chief of Engineers and honorary president of the Club, will head the receiving line. Special guests will include Mrs. Dewey Short, wife of the Assistant Secretary of the Army for Civil & Mil-

itary Affairs; and Mrs. Andrew T. McNamara, wife of the Quartermaster General of the Army.

Mrs. Giles Evans, jr., will serve as luncheon chairman, assisted by Mesdames George Murray, Frank A. Camm, Thomas M. Johnston, and Bruno L. Jakaitis. A raffle will be conducted by Mrs. George H. Walker, service chairman for the Club.

Walter Reed Women's Club To Meet—

A special event is on the calendar this month for the Walter Reed Women's Club, when members will gather on Wednesday, 6 Nov., at 12:15 p.m. in the Walter Reed AMC Officers' Club to hear the guest speaker, Dr. Hollington K. Tong, Chinese Ambassador to the United States. His topic will be "Political Significance of Recent Events in the Far East."

Other guests of honor at the luncheon will be Mrs. Tong; Mrs. Silas B. Hays, wife of the Surgeon General of the Army; Mrs. Bartholomew Hogan, wife of the Surgeon General of the Navy; and Mrs. Leroy E. Burney, wife of the Surgeon General of the U. S. Public Health Service.

Hostesses for the luncheon will be the wives of the officers of the Walter Reed Army Institute of Research, with Mrs. Christian Gronbeck, jr. as chairman. Door prizes will be one pair of orchestra seat tickets to each of the three symphony concerts for November.

Reservations may be made before noon Tuesday, 5 Nov., by calling Randolph 3-1000, Ext. 2218. The Center Nursery will be available for the care of children under eight years of age, at a nominal fee. Because of limited facilities, attendance must be restricted to eligible members and their house guests.

General Hays Host at Luncheon—

The Surgeon General of the Army, Maj. Gen. Silas B. Hays, was host at a luncheon 28 Oct., at the Walter Reed AMC Officers' Club, for foreign delegates attending the 64th Annual Convention of the Association of Military Surgeons of the United States. General Hays welcomed some 50 representatives from countries throughout the world, attending the sessions at the Statler Hotel from 28-30 Oct.

The foreign nationals were seated at tables for six, with an American officer acting as host to each group. A string ensemble from the U. S. Army Band provided background music during luncheon.

American officialdom was represented by Maj. Gen. James P. Cooney, Deputy Army Surgeon General; Maj. Gen. Dan C. Ogle, Air Force Surgeon General; Adm. Bruce Bradley, Deputy Navy Surgeon General; Dr. Roy Wolford, Deputy Chief Medical Director of the Veterans Administration; and Maj. Gen. Leonard D. Heaton, Commanding General of Walter Reed.

General Clarke Calls On Men Of The Chapel To Aid USAREUR German-U. S. Relations

VAIHINGEN, GERMANY—The USAREUR Protestant Men of the Chapel have decided on a new, more dynamic program for carrying out their aims as Active Christian leaders among the half-million army community in Europe.

The Men of the Chapel movement is an effort on the part of protestant laymen and chaplains of USAREUR to remind Army men of the tremendous responsibility they have as ambassadors for God and Country in Europe. More than 350 delegates from 150 congregations throughout USAREUR attended a recent convention in Berchtesgaden.

Maj. William Fred Long, Jr., is USAREUR Council President for the group.

The PMOC Honorary President, Lt. Gen. Bruce C. Clarke, Seventh Army Commander, was the principal speaker at the meeting. He commended the chapter group for its activities and accomplishments. Pointing out the absolute necessity for good German-American relations, General Clarke called upon the religious leaders to develop a program for the enhancement of the soldier's

life in Germany through association with good German families.

General Clarke said, "I especially am desirous that our young soldiers away from home for the first time are given the same help in this direction as is offered by the various young people's groups associated with our churches at home."

Pointing to the Christmas exchange visit as an outstanding example of mutually beneficial religious and social activities, General Clarke revealed that 6,137 American soldiers visited German homes last year, and 2,820 Germans visited the homes of Americans living in Germany.

Others who addressed the group were USAREUR Chaplain Col. H. H. Schulz and Brig. Gen. Harold K. Johnson, Seventh Army Chief of Staff and the council's president-elect to succeed Major Long.

Maj. Gen. Robert W. Porter, U. S. 3d Armored Division Commander, was elected to succeed General Clarke as Honorary President.

Service Weddings and Engagements

MR. and Mrs. Roy Franklin House of Franklin County, Tenn., have announced the engagement of their daughter, Peggy, to Lt. Heyward Bradford Roberts, jr., son of Colonel (USA-Ret) and Mrs. Roberts of "Sharon," Sewanee, Tenn., and Blacksburg, Va.

Miss House, a June Journalism graduate of the University of Tennessee, and a member of the Delta Gamma sorority, is the granddaughter of Mrs. John Pressley House of Chattanooga, Tenn., and of Mr. John Edward Stephens of Robertsonville, Miss. Her fiancé, who is the grandson of Brig. Gen. C. D. Roberts, USA-Ret, of Chevy Chase, Md., and of Mrs. L. J. Dwyer of Utica, N. Y., attended Sewanee Military Academy, the U. S. Naval Academy and the University of the South. He is the great-grandson of the late Brig. Gen. C. S. Roberts, USA, and of the late Col. James Heyward Bradford, USA.

A December wedding is planned, to take place at Winchester, Tenn.



Photo by Southland
Miss House

School of History and Government of George Washington University and is affiliated with the Delta Tau Delta fraternity.

No date has been set for the wedding.

HERBERT-SCHADE — Capt. (USN) and Mrs. Arnold F. Schade have announced the engagement of their daughter, Helen Marjorie, to Mr. Gary Arthur Herbert, son of Mr. and Mrs. George Herbert of Vallejo, Calif.

Miss Schade, who attended the University of Maryland, is now a student at the University of California, Los Angeles. Mr. Herbert, a student at UCLA, attended Vallejo College.

MARTIN-HANDLY — Mrs. Albert Handly, jr., of Coronado, Calif., has announced the engagement of her daughter, Sharron Mauvia, to Lt.(jg). Edward Holmes Martin, USN, son of Mr. and Mrs. DeCoursey Martin of Savannah, Ga., and Charleston, S. C.

Miss Handly, daughter of the late Rear Admiral Handly, USN, attended Whitman College in Washington State, and was graduated from the University of Arizona. Lieutenant Martin, a 1954 graduate of the U. S. Naval Academy, is on duty at Miramar Naval Air Station, San Diego.

The wedding is planned for February.

MASTERTON-COOPER — RAdm. and Mrs. Joshua Winfred Cooper of 626 So. Lee St., Alexandria, Va., announce the engagement of their daughter, Sara Ann, to Lt.(jg). Kleber Sanlin Masterton, Jr., son of Rear Admiral and Mrs. Masterton.

Miss Cooper is a senior student at San Diego State College, and her fiancé is a 1954 graduate of the U. S. Naval Academy. A December wedding is planned.

DRESS-MORROW — Col. and Mrs. John Jordan Morrow of Fontainebleau, France, and Altoona, Pa., announce the engagement of their daughter, Virginia, to Mr. Peter Dress, son of Mr. E. J. Dress of Lancaster, Pa.



HEAD TABLE PRINCIPALS at the recent fashion show staged by the Air Force Officers' Wives Club of Inglewood, Calif., are, left to right, Mrs. O. J. Ritland, honored guest, of Santa Monica, wife of Brig. Gen. O. J. Ritland, Vice Commander of the Air Force Ballistic Missile Division (ARDC); Miss Dorothy O'Hara of Lido Isle; Mrs. Ben I. Funk, designer of the Miss Judy of California hats for the show, and wife of Brig. Gen. Ben I. Funk, Chief, Ballistic Missile Office (AMC); Mrs. B. A. Schriever, honored guest, of Santa Monica, wife of Maj. Gen. B. A. Schriever, Commander of the Air Force Ballistic Missile Division, and Mrs. Daniel Wickland of Pacific Palisades, wife of Col. D. Wickland. The fashion show was enthusiastically received by more than 260 Air Force Officers' Wives from the AFBMD (ARDC), BMO (AMC), and their guests.

HORTIN-BEDELL—Capt. (USN) and Mrs. Porter F. Bedell of Malta, HAFMED, Navy 240, FPO, New York, have announced the engagement of their daughter, Joan Elizabeth, to Lt. Anthony Brian Hortin, RN, son of Mr. and Mrs. Geoffrey William Hortin of Rainhill, Lancaster, England.

Miss Bedell, whose father is now attached to the staff of the Commander-in-Chief, Allied Forces, Mediterranean, is the granddaughter of the late RADM. A. Toutant Beauregard, USN-Ret, of the Comtesse Georges de Chilly of Paris, and of Mrs. J. Y. Bedell of Los Angeles. She attended the Holton-Arms School, Washington, D. C., and was graduated from Duke University last June. Her fiancé, a graduate of the Royal Naval College, is now serving aboard HMS Ulysses.

A June wedding is planned at Malta.

HARPOLD-HIGGINS — Miss Virginia Carolyn Higgins, daughter of Col. (USA-Ret) and Mrs. Willfred R. Higgins of 539 Jefferson Dr., Palo Alto, Calif., became the bride of Mr. Allan Earl Harpold, Jr., son of Mr. and Mrs. Harpold of Youngstown, Ohio, in an afternoon ceremony, 12 Oct., at the First Methodist Church, Palo Alto.

Given in marriage by her father, the bride chose her sister, Mrs. Wayne R. Bise, as her matron of honor, with Mrs. William B. Green, sister of the bridegroom, and Mrs. Melvin E. Hedberg as bridesmaids, and little Miss Marsha Bise, her niece, as flower girl. Mr. Harpole, Sr., served as his son's best man, and Commander Bise, brother-in-law of the bride, Maj. A. A. Tower, Capt. Alfred L. Sanderson, Messrs. Hedberg, Glen Stephens and Carlos N. Ling ushered.

Following a wedding trip, the couple will make their home at Pleasantville, N. Y., near Thornwood, N. Y., where Mr. Harpold is manager of a florist shop.

CRALLE-FORSTER — Our Lady of Grace Church, San Antonio, Tex., 23 Aug., was the scene of the marriage of Miss Penelope Louise Forster, daughter of Brig. Gen. and Mrs. George J. Forster, and Lt. Maury Spotswood Cralle, Jr., son of Colonel and Mrs. Cralle of Ft. Sam Houston, Tex. The Reverend Robert Wagner officiated.

Miss Shirley Forster served as her sister's maid of honor, and Mrs. Clarence R. Doepeke, Jr., was matron of honor. The bridesmaids included Misses Patricia Cralle, Susan Browne and Marta Gaskill. Lt. Alex Williams of Ft. Sill, Okla., was best man for the bridegroom, and ushering were Lts. Al Bowman, Edward Richards, John Feagin, Rene Hart and Capt. John Canby.

Following a wedding trip to New Orleans, San Juan, P. R., and the Virgin Islands, the couple will be at home at Lieutenant Cralle's new station, Ft. Davis, C. Z.

WEISS-KRAMPF — Mr. Charles Edward Krampf of Washington, D. C., and Mrs. Dorothy Gardner Krampf of Ft. Lauderdale, Fla., have announced the engagement of their daughter, Mary Priscilla, to Ens. Ethan George Weiss, son of Mr. and Mrs. George W. Weiss of Haverstown, Pa.

Miss Krampf is a student at Mt. Vernon Junior College. Her fiancé, a graduate of the Wharton School of the University of Pennsylvania, is currently stationed at Port-Lyautey, Morocco.

A June wedding is planned.

FLOWE-OTT — Col. (USA-Ret) and Mrs. Chester W. Ott of 3919 S. W. Mt. Adams Dr., Portland 1, Ore., announce the engagement of their daughter, Virginia Southard, to Mr. Gordon Rick Flowe of New York, son of Mr. and Mrs. Carl Flowe of South Byron, N. Y.

Miss Ott, who is the granddaughter of Mrs. Robert R. Raymond of Cambridge, N. Y., and the late Colonel Raymond, was graduated from Vassar College. Mr. Flowe is a graduate of Cornell University.

HOOPER-GAREY — Mr. and Mrs. Carlton R. Garey of Paoli, Pa., have announced the engagement of their daughter, Joan Conrad, to Lt. Frank Cyrus Hooper, USA, son of Mr. and Mrs. William G. Hooper of Brushton, N. Y.

Miss Gary is an alumna of Centenary

SERVICE FOLK

MISS JUNA FINCHER, daughter of LT. COL. (USA) and **MRS. JOE L. FINCHER**, who is now a senior student in the School



Miss Fincher

of Economics of the Alabama Polytechnic Institute, Auburn, Ala., was recently elected "Miss Auburn." The Fincher family is currently residing at Culloden, Ga., while Colonel Fincher is serving in Korea.

Hunting deer in the rugged Trinity Alps area, near Redding, Calif.,

MARSHALL F. SHORE, 14-year-old son of LT. COL. MARSHALL B. SHORE of Mather AFB, Calif., shot his first bear recently. A big one, as 4-year-old California Black Bears go, the animal measured six feet from nose to tail and weighed well over 400 pounds. It took Marshall and his father five hours to skin and quarter the bear, and another two hours to carry the meat and hide back to their camp.

Junior College, Hackettstown, N. J., and her fiancé was graduated from the University of North Carolina.

HIGH-KENASTON — Col. and Mrs. Hampton Ray Kenaston of Mary Esther, Fla., announce the engagement of their daughter, Janice Katherine, to 1st Lt. Kenneth Howard High, USAF, son of Mr. and Mrs. Asa T. High, of Tyler, Tex.

Miss Kenaston attended the College of William and Mary for two years, and was graduated with honors from the University of Florida in 1954. A member of Phi Beta Kappa and Phi Kappa Phi honorary fraternities, she is now secretary to the Commander of the 17th Bombardment Wing at Eglin AF Auxiliary Field Number 9, Fla. Lieutenant High, a member of the 1949 graduating class at Tyler, Tex., Junior College, completed his cadet training at Reese AFB, Tex., and was commissioned in March 1953. He is presently assigned to the 95th Bombardment Squadron at Eglin AF Auxiliary Field Number 9, Fla.

GILBERT-BOSTOCK — Mr. and Mrs. Robert F. Bostock of Ridgewood, N. J., have announced the engagement of their daughter, Ann, to Mr. Oliver H. Gilbert, Jr., son of Colonel (USA-Ret) and Mrs. Gilbert of Quincy, Mass.

Miss Bostock, an alumna of Wellesley College, is on the staff of the Fogg Museum of Harvard University. Mr. Gilbert, a civil engineer, was graduated from the Massachusetts Institute of Technology, where he is now on the research staff.

PILLIVANT-HANSON — Our Lady Help of Christians Church, West Concord, Mass., on the morning of 26 Oct., was the setting for the ceremony uniting in marriage Miss Alice May Hanson and



GENERALS' WIVES are honored at a luncheon given by the Washington Quartermaster Women's Club at Ft. Meyer Officers' Club. Lt. to rt., Mrs. Andrew T. McNamara, wife of the Quartermaster General of the Army; Mrs. Carter B. Magruder, wife of the Deputy Chief of Staff for Logistics; Mrs. Lyman Lemnitzer, wife of the Deputy Chief of Staff; Mrs. Maxwell D. Taylor, wife of Army Chief of Staff; Mrs. H. Beverly Boyle, club President.

Mr. Garrett Allen Pillivant, son of Col. Ray Allen Pillivant, OrdC., USA, Ft. Meade, Md. The bride is the daughter of Mr. and Mrs. Henry Thomas Hanson, of Maynard, Mass.

Given in marriage by her father, the bride chose her sister Miss Jeanne Hanson, as her maid of honor, and Misses Marie McDonald, Nancy Hunt, Joan Gibson and Patricia O'Neil as her bridesmaids. Mr. Mark Waldron served as best man. Ushers included the bride's brother James Hanson, John Bardgett, Paul Moccia and William Hartery.

Following their honeymoon, the couple will be at home at 6 Brooks St., Maynard.

ALEXANDRE-GILBERT — Mr. and Mrs. Roger Gilbert of Greenwich, Conn., have announced the engagement of his daughter, Louisa, to 1st Lt. Anthony Joseph Alexandre, USAF, son of Mr. Frederick F. Alexandre of Lawrence, L. I., N. Y., and the late Mrs. Alexandre.

The bride-to-be, daughter of the late Mrs. Louise Waring Gilbert, attended Greenwich Academy, was graduated from the Masters School and completed three years at Vassar College. Her fiancé, who is currently serving at James Connally AFB, Tex., attended the Canterbury School and was graduated from Princeton University.

POFF-ANDREWS—Mrs. Bindner Andrews of Brooklyn, N. Y., has announced the engagement of her daughter, Magdalen Barbara, to Lt. William Beverly Poff, USA, son of Mr. and Mrs. John W. Poff of Vicksburg, Va.

The future bride, daughter of Mr. James Andrews of The Bronx, N. Y., is an alumna of the Berkeley Institute, Brooklyn, and of Sweet Briar College, where she was elected to Phi Beta Kappa. She is on the news staff of *The Daily Progress*, Charlottesville, Va. Lieutenant Poff, also a member of Phi Beta Kappa, was graduated from Virginia Polytechnic Institute and the Washington and Lee University Law School. He is presently on the staff of the Judge Advocate General's School at the University of Virginia.

A December wedding in Charlottesville is planned.

KEFFER-SCHEFFER—Mr. and Mrs. Henry M. Scheffer of Washington Township, N. J., have announced the engage-

ment of their daughter, Regina Marie, to Lt. John P. Keffer, Jr., USNR, son of Mr. and Mrs. Keffer of Trenton, N. J.

Miss Scheffer was graduated from the Academy of the Holy Angels and Rosemont College and is now teaching in the Westwood, N. J., public schools. Lieutenant Keffer, who studied at Villanova University and was graduated from the University of Maryland's Baltimore College of Dental Surgery, is serving at Parris Island, S. C.

MAGTUTU-CRAVER — Mr. and Mrs. J. B. Craver of Winston-Salem, N. C., have announced the engagement of their daughter, Peggy Jane, to 1st Lt. Paul William Magtutu, son of Mr. and Mrs. G. Magtutu of Landover, Md.

The bride attended City Hospital School of Nursing. Her fiancé is a graduate of the University of Maryland and is now stationed at the 810th Radar Station AFB at Winston-Salem.

A February wedding is planned.

33d Air Div. Wives Honor Mrs. Nuckols

On the eve of the retirement of Brig. Gen. William P. Nuckols, commander of the 33d Air Division, a brunch honoring Mrs. Nuckols was held by the 33d Air Division Headquarters wives group in the Green Room of the Tinker AFB Officers' club.

Mrs. Jimmie W. Hale, wife of Maj. Jimmie W. Hale, commander of the 746th ACW Squadron, Oklahoma City Air Force Station, on behalf of the wives group presented Mrs. Nuckols with silver candlestick holders.

Individual table decorations were miniature "orange trees" made of gumdrops and name cards were designed in the shape of the state of Florida, pin-pointing the Orlando area where General and Mrs. Nuckols plan to establish residence upon retirement, following a proposed extended tour of Europe.

Co-hostesses for the Brunch with Mrs. Hale were Mrs. Glen E. Graham and Mrs. Henry J. Sydloski.

Cathedral Of The Air Is 25 Years Old

One of the most unique Navy chapels, the Cathedral of the Air at the Lakehurst, N. J., Naval Air Station, observed its 25th anniversary with special services Sunday, 27 Oct.

The event marked the dedication of the chapel's stained glass windows designed by the Willet Studios of Philadelphia.

Erected in 1932 by the New Jersey Department of the American Legion, the Cathedral of the Air has since served as a memorial to the men who gave their lives in the air service. The chapel has facilities for Protestant, Catholic and Jewish faiths.

It was used as a Navy chapel throughout the years of World War II, and finally in 1947 was formally turned over to the Navy.

Assistance To Allies

The Air Force will train over 3,400 foreign officers under the Military Assistance Program during Fiscal Year 1958. Almost 800 of these will be from South America.



SCHOLARSHIP FUND. Mrs. Randolph McCall Pate, wife of the commandant of the Marine Corps and honorary president of the Marine Officers Wives' Club (third from left) receives a check from Mrs. W. H. Miller (second from left), president of the Marine Aviation Officers Wives' Club. The check is to benefit the Marine Scholarship Fund and was presented at a tea and tour of the commandant's quarters. Looking on are (left to right) Mrs. Nicholas Trapnell, treasurer of the Aviation Wives' Club; Mrs. Miller, Mrs. Pate, Mrs. James P. Riseley, president of the MOWC; Mrs. V. J. McCaul, honorary president of the aviation group, and Mrs. Robert Merchant, vice president of the aviation group.

THEY ARE ELECTED

BAMBERG, GERMANY—The Bamberg Women's Club elected Mrs. Herman Schnabel, President, and Mrs. Cary Peyton, Vice-President, at a special election meeting to fill vacancies due to transfer of former officers.

NAPLES, ITALY—Col. Frank E. Herrelko, USAF, was elected President of the Holy Name Society of Allied Forces Southern Europe Post, Naples, at a Communion breakfast held Sunday, 13 Oct. at the post's Flamingo Club. He succeeds Lt. Col. Ephraim Kirby-Smith, USMC, who headed the Catholic men's group for the past year.

LACKLAND AFB, TEX.—Installation of new officers marked a semi-annual meeting of the Lackland Toastmasters Club. Installed were Maj. Edward C. Funk, president; Maj. Harwood Sturtevant, executive vice president; Maj. George S. Woodward, educational vice president, and 1st Lt. Gerald M. Cohen, secretary treasurer. Among the guests were Maj. Gen. and Mrs. H. L. Grills and former club members.

SHEPPARD AFB, TEX.—An election of officers and a discussion by a guest speaker highlighted a recent meeting of the Protestant Ladies Chapel Guild. Officers named for the ensuing term were Mmes. Donald A. Jensen, president; Arthur E. Greer, vice president; John Crum, secretary; and Robert E. Early, treasurer. Mrs. Junior B. Jones, president, conducted the business meeting and announced that installation of officers will be held 20 Nov. She introduced three new members, Mmes. R. B. McInay, Charles A. Rowan and Grace Gumm.

FT. SILL, OKLA.—Nearly 200 charter members of the Red Leg Flying Club met for the first time in their new clubhouse to elect officers.

Maj. Gen. Thomas E. de Shazo, commanding general of the U. S. Army Artillery and Missile Center, was elected honorary president and Col. Cornelius dew. W. Lang, Deputy Assistant Commandant for Research and Development, was elected president.

Other officers selected by the flying club were Jack Thornton, link trainer instructor, vice president; Miss Anne Powell, assistant information officer, secretary; Lt. Col. William H. Crosson, Jr., Tactics and Combined Arms, treasurer; and WO Louis H. Goselin, 45th Trans Bn, safety officer, operations officer.



THRIFTY CHARITY—The Ladies Club of the New Cumberland, Pa., General Depot have opened their newly-organized Thrift Shop with ceremonies presided over by Mrs. R. C. Kyser, wife of the Depot Commander. Shown above with Col. Robert Lawton, Post Special Services Officer, looking over items for sale in the shop are, left to right: Mesdames W. L. Koogler, R. C. Kyser, E. A. Sallee, and K. C. Johnson, President of the Club. Proceeds from the shop will be used to support charitable activities in the local area.

Bolling Trailer Court Has "Town Council"

The trailer court at Bolling Air Force Base in Washington, D. C., has formed a residential community government similar to community activities in any city.

Complete with its own "town council," comprised of a five-man board of directors who are residents of the court, the 63 families at Bolling, under the jurisdiction of Col. L. A. Peterson, Commander, 1100th Air Base Group, have joined together and delegated authority to its council to handle problems concerning living conditions within the community area.

The present board members include M/Sgt. Carey W. Quinn, president, Trinidad, Texas; T/Sgts. Willard M. Whitehead, Haleyville, Ala.; Raymond E. Kay, Joplin, Mo.; James Lebourg, Gadsden, Ala.; and S/Sgt. Felix Cordero, Jr., of New York City.

Bolling's trailer court families pay \$18.50 for the privilege of continuing in residence. Of this amount, \$6.00 is paid

FT. BUCHANAN, P. R.—The Officers' wives club in the U. S. Army Antilles and Military District of Puerto Rico, comprised of officers' ladies of Ft. Buchanan and Ft. Brooke, P. R., met here to elect members who will preside over club affairs for the next six months. Mrs. Rena Beamer, president, and Mrs. Carol Clarke, treasurer, will continue in their offices. Newly elected officers are Mrs. Johnnie Beardsley, vice president, and Mrs. Clorinda Powell, secretary.

Among those attending were Mrs. Mary Coutts, wife of Brigadier General James W. Coutts, commanding USARFANT & MDP; Mrs. Alice Fuller, wife of the USARFANT & MDP Chief of Staff, Col. Arthur L. Fuller, Jr.; Mrs. Dorothy McCoy, wife of Colonel Jim McCoy, Buchanan commander; and Mrs. Margaret Andrews, wife of Lt. Col. W. D. Andrews, Ft. Brooke Deputy Post Commander.

VAIHINGEN, GERMANY—New officers of the Protestant Men of the Chapel are: Maj. Gen. Robert W. Porter, 3d Armored Division Commander, president; Lt. Col. John M. Kinzer, 1st vice president; M/Sgt. Lewis Walble, 2d vice president; Capt. Donald C. Shuffstall, secretary; and CWO Paren Chase, assistant secretary.

FT. BELVOIR, VA.—The Non-Commissioned Officers Wives Club here has installed new officers. Mrs. David H. Tulley, wife of Maj. Gen. David H. Tulley, Commanding General of the U. S. Army Engineer Center and Ft. Belvoir, president.

Nearly 100 wives were present as Mrs. K. J. Veltz took over the presidency from Mrs. J. F. Murphy. Other new officers are: Mrs. R. W. Riegner, Vice President; Mrs. C. W. Crocker, Treasurer; Mrs. B. P. Yurchik, Recording Secretary; and Mrs. H. W. Swartz, Corresponding Secretary.

Retiring officers are: Mrs. J. F. Murphy, President; Mrs. P. E. Phillips, Vice President; Mrs. J. Healey, Recording Secretary; and Mrs. E. V. Buenefe, Corresponding Secretary.

Mrs. C. W. Crocker was re-elected to her treasure post for the third time.

FT. BENNING, GA.—Maj. Gen. Herbert B. Powell and Brig. Gen. John F. Ruggles, commanding general and deputy commanding general of Ft. Benning's U. S. Army Infantry Center, were named members of the executive board of the Georgia-Alabama Council, Boy Scouts of America.



BUCKER WOMEN HEAR EDITOR. Speaker at the monthly meeting of the Ft. Bucker Officers Wives Club was Miss Latimer Watson (left), fashion editor of the Columbus (Ga.) LEDGER. Shown with Miss Watson, admiring one of the mannequins which were displayed throughout the club, are Mrs. Robert Williams, representing hostesses for the meeting who were wives of the Army Aviation Board and the Signal Corps Test and Support Detachment, and Mrs. R. W. Humphrey, president of the Women's Club.

PEOPLE OF SERVICE AROUND THE WORLD

WESTOVER AFB, MASS.—Westover's base library, under the direction of Mrs. Josephine K. McDonald, has won the SAC bi-annual award for the highest book circulation by a single base in the command for the period January-June, 1957.

During the six month period, the base library circulated some 21,751 volumes. This circulation total includes the Hospital and Stony Brook branches of the main library as well as the 30 field libraries around the base.

McCONNELL AFB, KANS.—Plans were completed this week for the Base's annual Christmas party for children of the Institute of Logopedics to be held 14 Dec. at base service club.

Hosting 375 children last year, the Logopedics program this year is expected to bring cheer to more than 400 boys and girls, according to Maj. Francis W. Lowe, project officer for the party.

Other than gifts, and refreshments for each child, the visitors will be treated to a personal visit by Santa Claus, portrayed by Maj. Thomas G. Brennan, and Capt. Vincent A. Latart, Capt. Harry E. Law and 1st Lt. Ronald C. Smith who will appear as Santa's elves. Entertainment will be provided by airmen and the Sky-Co Players.

SCHWEINFURT, GERMANY—The men of the 2d Howitzer Battalion of the 10th Division's 7th Artillery presented the Werneck German Orphanage with a new electric kitchen purchased through voluntary monthly contributions by the 7th Artillerymen. Lt. Col. William A. Campbell, 2d Howitzer CO, made the presentation to the orphanage staff.

MADRID, SPAIN—Mrs. Henry K. Mooney, wife of the new 16th Air Force Commander in Spain, recently was named president of the Madrid Thrift Shop. Retiring president was Mrs. Chester A. Dahlen, whose husband, Brig. Gen. Chester A. Dahlen, is Deputy Chief of the Military Assistance Advisory Group.

The Madrid Thrift Shop, popularly known as the "Rastro Americano," has been in operation about two years. During Mrs. Dahlen's term of office, monetary contributions were made to the Madrid Boy Scouts and other charitable organizations.

Elected to serve with Mrs. Mooney were Mrs. H. C. Lund and Mrs. A. J. Reising as co-managers, Mrs. R. D. Roesch and Mrs. J. M. Henderson as custodians of funds and Mrs. J. H. Chiles will be the secretary.

FT. STEWART, GA.—The Thrift Shop has donated \$50 to support Girl Scouting Activities of the Post. The donation was from profits of the organization, and was given to the Girl Scouts in line with Thrift Shop's policy of supporting worthwhile community activities on the Post. Last month the shop donated \$100 to the Ft. Stewart Chapter of the Gray Ladies for use in providing morale services for patients in the U. S. Army Hospital here.

CASTLE AFB, CALIF.—Committee chairman of the dependents assistance program assembled at the dependents assistance center recently to honor retiring committee chairmen and to welcome their replacements.

Now heading the TDY committee is Mrs. Gordon Hannaford who replaces Mrs. H. H. Downard. Mrs. Downard has served as TDY chairman for the past year and prior to that, was a member of the welcoming committee. She has accumulated well over 100 hours of volunteer service.

Mrs. Gerald Lane, an office committee worker for the past three years succeeds Mrs. John Stone as co-chairman of the welcoming committee. Mrs. Stone accrued 48 hours of voluntary service with her committee and has served on the office committee as well.

DAP coordinator, Mrs. Charles Anderson, presented an engraved silver plate to Mesdames Stone and Downard in recognition of their devotion to the dependents assistance program.

VERONA, ITALY—Three SETAF sergeants stationed at Caserma Passalacqua are doing

more than their share of bringing knowledge of the United States to 150 girls of the Don Nicola Mazza Orphanage here. Five evenings each week on their own time they conduct English classes for the girls in school rooms at the orphanage.

Master Sergeants Cyril Nangle and John P. Tucel, and Sergeant First Class J. J. Borjon, the soldier-teachers, have been active in providing entertainment and in other projects for the benefit of the homeless children sponsored by SETAF Headquarters Company.

VAIHINGEN, GERMANY—The Stuttgart American Women's Club, largest welfare organization in the area, feted German friends at the October luncheon of the club.

Mrs. Wayne L. Hunter, club president, assisted by Mrs. W. S. Wilson, welfare chairman, presented \$150 checks to Scouting leaders, one to Mrs. J. A. McEachorn, Volunteer Girl Scout trainer of the Stuttgart area to underwrite activities of the Scouts and Brownies, and a second to Private First Class Donald Thompson for Boy Scouts and Cubs of the Vaihingen area.

ROBINS AFB, GA.—Officials of Crusade for Freedom and the CARE Food Crusade have honored personnel here for contributions made through the annual base-wide charity crusade.

Al Martin of Charleston, S. C., Executive Director of Crusade for Freedom, presented the base a certificate of merit from CARE and a certificate of appreciation from the Crusade for Freedom. Col. Paul I. Doty, Acting Deputy Commander of the Warner Robins Air Materiel Area, accepted the awards in the absence of Maj. Gen. A. V. P. Anderson, Jr., WRAMA Commander.

Luncheon for Mrs. Read

Mrs. George W. Read, wife of the newly-arrived Commanding General of the Second U. S. Army, made her first social appearance at Ft. Meade, at a luncheon given by the wives of officers of the 2d Armored Cavalry Regiment.

Mrs. L. R. Wilcox, wife of the Regimental Commander, greeted and welcomed Mrs. Read. Seated at the head table with the two were Mesdames James R. Pierce, wife of the Deputy Second U. S. Army Commander; Rinaldo Van Brunt, whose husband is Second Army Chief of Staff; Creighton W. Abrams, guest speaker on "Customs and Traditions of the Army," and wife of Brig. General Abrams of the Department of the Army, Washington; Julian Wilson, another guest from Washington; Martin L. Green, wife of the Post Commander; and W. U. Kennon, wife of the 1st Battalion Commander. Mrs. Robert Thompson, wife of the Regimental Executive Officer, Mrs. Crosby P. Miller, whose husband is 2d Battalion Commander; Mrs. William P. King, wife of the 3d Battalion Commander; and Mrs. John F. Hooks, whose husband commands Hq. and Hq. Co. of the 1st Battalion, were also at the head table.

The theme of the luncheon was a farewell as the Regiment leaves in the next few months for Germany.

The next luncheon to be given by the 2d Armored Cavalry Regiment Officers' Wives Club, will take place in Germany.

Carters Win Golf Tourney

FT. BENNING, GA.—Capt. and Mrs. Martin Carter captured first place in the low gross matches in the Scotch Four Ball Golf Tournament here.

They were followed closely by Chief Warrant Officer and Mrs. Leslie E. Wood.

In the low net contests Col. and Mrs. Charles Boyle captured top honors. Maj. and Mrs. John W. Boush took second place while Capt. and Mrs. Cecil W. Muller and Lt. Col. and Mrs. Harold Hauser tied for third.

There was a three-way tie for the fifth, sixth and seventh places. Lt. Col. and Mrs. R. M. Piper, Capt. and Mrs. C. W. Fisher and Brig. Gen. (Ret.) W. G. Skelton of Columbus, Ga., teaming with Mrs. S. S. Sogard, tied for these places.

Pease Command Changes

PEASE AFB, N. H.—Three command changes have been announced by Brig. Gen. Walter E. Arnold, commander of the 817th Air Division.

Col. Gordon F. Goyt, commander of the 100th Bombardment Wing, assumes command of the 817th Air Base Group replacing Col. Charles A. Dunn, who moves up to the 817th Air Division as a Special Assistant to the Commander for Retention and Training.

The present 817th Air Division Operations Officer, Col. Charles L. Wimberly, will assume command of the 100th Bombardment Wing until the arrival of Col. Winton R. Close when Colonel Wimberly will become deputy commander of the Wing.

Colonel Goyt will assume command of the Group after completion of the SAC Bombing Competition at Pinecastle. He will accompany the Pease team to the competition.

Additional changes involving squadron commands and staff officers has Colonel Silas P. Richards assuming duties as Director of Material, 817th Air Division, replacing Lt. Col. Edgar M. DeVries who is retiring. Maj. James W. Cunningham is replacing Lt. Col. Albert A. Biretta as commander of the 41st Aviation Depot Squadron. The latter is being transferred to Guam. Major Cunningham has come from Fairchild AFB, Wash. Maj. Alden L. Roblee, from Guam, is the new Production Control Officer of the 817th Installation Engineering Squadron.

JUNIOR NRA CLUB

FT. HOLABIRD, MD.—What is perhaps the largest junior rifle club in the United States shoots weekly at this Army post.

A National Rifle Association official has commented that Ft. Holabird's club has the largest membership of any junior rifle club, either civilian or military. So enthusiastic is participation that only part of the club can be accommodated on the firing range during each weekly session.

Last year, 156 club members earned NRA awards. Among the award-winners were 33 girls, including 16-year-old Jean Ross, club president and one of its best shots.

According to Master Sergeant Mark Elworth, the club's NRA certified instructor, the girls frequently outshoot the boys.

Form "Economy Wives"

FRANKFURT, GERMANY—Formation of an "Economy Wives" group has been announced by officers wives of 3d Armored Division Headquarters.

The new group, which includes more than 15 wives residing on the German economy, was formed at a recent Drake-Edwards Officers Club tea sponsored by wives of the Division General Staff Officers.

Mrs. Robert W. Porter, jr., wife of the 3d Armored CG, greeted the economy wives and urged them to learn everything they could from living among the German people.

Mrs. Donald S. Leyritz was selected as chairman of the new group. Hostesses for the tea were: Mrs. George R. Sedberry, jr.; Mrs. Roy W. Burley; Mrs. Robert J. Bennett; Mrs. William K. Pershall; and Mrs. James N. Hickok.

Army Daughters Run Ft. Benning Nursery

FT. BENNING, GA.—Daughters of the U. S. Army here have assumed direction of the Post Children's Nursery as its full-time project.

The "DUSA Tot Town" opening on 28 October was attended by wives of key officers at the U. S. Army Infantry Center and Third Infantry Division. Patrons of the nursery were invited by Mrs. Henry B. Kunzig, Army Daughters president, to be present for the occasion.

The nursery has been receiving financial and advisory assistance from the DUSA group, but until 9 Oct. was governed by the Children's Nursery Fund Council headed by Col. Charles C. Noble, 151st Engineer Group commander. The plant has been extensively redecorated in the past two weeks.

During the last two years, the DUSA organization has contributed \$3,750 to the nursery operation.

Chairman of the new Army Daughters Nursery Board is Mrs. William V. Ochs, jr. Assisting her will be Mrs. A. M. Goodson, secretary, Mrs. D. E. Wright, treasurer, and Mrs. S. W. Stith, member at large.

Tot Town offers many attractive new services. Painted inside and out and possessing new equipment, the nursery now offers free diaper service and enlarged parking facilities.

Mrs. Gretta Keene, nursery supervisor, is assisted by a staff of 12 trained and newly uniformed personnel. Stringent health and safety standards will be continued at Tot Town.

Mrs. Ridgely Hostess At Red Cross Tea

CAMP PENDLETON, CALIF.—More than a thousand visitors attended the annual Red Cross Silver Tea held at the Ranch House, home of Maj. Gen. Reginald H. Ridgely, jr., USMC, Base Commander, and his wife.

Mrs. Ridgely, the hostess, was assisted by the officers' wives who acted as guides and historians throughout the afternoon.

Mrs. H. E. Hanson, general chairman from the Laguna Red Cross chapter; Mrs. John J. Fagles of Fallbrook; and Mrs. Ferrell

Lauraine, postmistress of Oceanside, received the guests with Mrs. Ridgely.

No admission is charged but a currency donation is accepted at the door. Money contributed at the Silver Tea is used by the Red Cross in their recreational program at Camp Pendleton's U. S. Naval Hospital. Included in the program is a Christmas party for the patients; donations are also used for craft supplies and other recreational material for hospitalized military personnel.



THE MARINE OFFICERS' WIVES' CLUB meeting at the Army-Navy Country Club have as their guests of honor Mrs. Thomas Gates, wife of the Secretary of the Navy, and Mrs. Albert G. Mumma, president of the Naval Officers' Wives' Club. Shown are: Mrs. James P. Riseley, president of the Marine Wives; Mrs. Randolph McCall Pate, wife of the Commandant of the Marine Corps; Mrs. Mumma, Mrs. Gates and Mrs. John G. Walsh, vice president.

Honor Wives For Community Service

KOBE, JAPAN. Two Army wives have been honored for their leadership in Girl Scout activities at the Rokko Heights Dependent Housing Area.

Mrs. Donna S. Claxton, wife of R. D. Claxton, DAFC, and Mrs. Elizabeth D. Jacks, wife of Maj. John L. Jacks, jr., received the Camp Kobe Certificate of Community Service for their work with local Brownie Troops No. 1 and 281.

In addition, Mrs. Claxton has been active in local Parent Teachers' Assn. and church

activities, teaching a Sunday School class and Summer Vacation Bible School. She has been in Kobe for one year.

Mrs. Jacks has guided her Brownie Troops up to the Girl Scout ranks and has devoted much time to welfare and hospitality work and PTA activities.

The Community Service Awards were presented by Col. Edward D. Mulvanity, OIC, Kobe Activities, and Lt. Col. H. R. Collins, president of the local Youth Activities Committee.

What's Ahead In The Services

NATHANIEL BOWDITCH, the father of modern navigation, is the hero of Telephone Time's "Arithmetic Sailor," Tuesday 5 November, at 9:30 p.m. PST and EST, and 8:30 p.m. in all other time zones, over the ABC television network.

ARMY NURSE CORPS will hold its second workshop on health nursing at Walter Reed Institute of Research, Washington, D. C., 2-13 December. It will feature more than 40 specialists from the Army Medical Service, the Public Health Service, the Children's Bureau of the Department of Health, Education and Welfare, and the National League for Nursing.

"ARMY SURGEON GENERAL'S MEDICAL MEETINGS" will begin a new series of meetings with a lecture by Dr. Walter L. Biering on "Medical Echoes" at Sternberg Auditorium, Walter Reed Army Medical Center, Washington, D. C., 8 p.m., 21 November. It is part of a new program to present four nationally-known lecturers each year, on the third Thursday of November, January, March and May.

INTERNATIONAL AIR TRANSPORT ASSN'S Tenth Technical Training Conference will be held at the Golden Gate Hotel, Miami, Fla., 18 to 29 November. During the conference Col. John T. Compton of McDonnell AFB, Kans., representing the Air Training Command, will present a report on flight crew training for turbine-powered aircraft.

MILITARY GOVERNMENT ASSN'S 10th Annual Convention will take place at the Sheraton Plaza Hotel, Boston, Mass., on 7 December. Information and reservations may be obtained from the Military Government Convention Committee, Hotel Bellevue, Boston, Mass.

SECOND WRIGHT MEMORIAL LECTURE at the Air Force Academy, Denver, Colo., will take place 14 December. Speaker will be General Thomas D. White, USAF CofS.

FIRST INFANTRY DIVISION SOCIETY will hold its quarterly meeting Monday, 4 November, at 8:00 p.m. at the Army Navy Club, Washington, D. C. Guest Speaker will be Col. A. H. Davidson, jr., Director of the Army Engineer Research and Development Laboratories, Ft. Belvoir, Va.



BRIG. GEN. RICHARD G. MCKEE, USA-Ret., left, consultant for the Rand Corp. in Santa Monica, Calif., is given Ranger training orientation at Ft. Benning. At right is Lt. Col. Alden P. Shipley, USA, deputy director of the U. S. Army Infantry School's Ranger Department.

THEY KEEP BUSY

BRIG. GEN. RICHARD G. MCKEE, USA-Ret., a consultant for the Rand Corporation, Santa Monica, Calif., was briefed on the latest developments in air mobility and infantry division reorganization at Ft. Benning, Ga., 21 through 24 October.

COL. CECIL S. MOLLOHAN, USA-Ret., took over as Chief of the Communicable Disease Section of the State of Colorado Department of Public Health on 1 October. Col. Mollohan and his wife live at 3400 South Clermont, Denver 22, Colorado. They have two daughters, Joan, a senior at the University of Colo., at Boulder and Patricia, the wife of Lt. Sean Richard McDonough, Frankfurt, Germany.

LT. COL. CLAYTON L. CHAPUT, USA-Ret., former Signal Operations Officer at Seventh Army Headquarters, is now with the Pacific Telephone and Telegraph Co., Los Angeles, Calif., as a cost study engineer. He resides at 324 South Dancove Drive, West Covina, Calif.

LT. GEN. THOMAS W. HERREN, USA-Ret., has been elected Vice President and Director of Public Relations of the Military Service Company, Inc., Birmingham, Ala. At the same time, the General was elected to serve on the Board of Directors. His last active duty assignment was as Commanding General, First U. S. Army, Governors Island, N. Y., and Senior Member, Military Staff Committee, United Nations. He resides at 1823 Jefferson Place, N. W., Washington, D. C.

They Retire

Eight members of the Army Transportation Training Command with a combined total of over 174 years active service, have retired. Six of the retirees are stationed at Ft. Eustis and two are stationed at Ft. Story, Va.

LT. COL. RICHARD E. FOGARTY, Ft. Eustis Post Engineer, retires with over 24 years service. **MAJ. GERALD E. LINDQUIST** of the 4th Transportation Terminal Command retires with over 20 years service. Also from the 4th TPC is **MAJ. LUIS ROSARIO**, who retires with over 20 years service. **WARRANT OFFICER WILLIAM J. MONRO** of the post Adjutant General Division retires with over 27 years service, and **WARRANT OFFICER THOMAS L. RICH** of the 159th Boat Battalion, with over 20 years. **SFC ELMER R. WILLIAMS, SR.**, of the 10th Transportation Truck Company ends active service with over 20 years.

Retiring at Ft. Story are **WARRANT OFFICERS PATRICK E. O'BRIEN** with over 23 years service, and **ROBERT S. ANDREWS** with over 20 years.

COL. EARL F. KLINCK, (USA) Commander of the School Brigade, Ft. Benning, Ga., retired recently after 21 years service. He will join Chance-Vought Aircraft, Inc., Dallas, Tex., as Staff Assistant to the Chief of the Engineering Administrative and Procedures Section in the Engineering Department.

COL. ALBERT H. ROBINSON, USA, Hospital Commander at Ft. Benning, Ga., retired 31 Oct. He and Mrs. Robinson plan to reside in Pikesville, Ky.



WIVES GET DEGREES—Mrs. William M. Dempsey, wife of Warrant Officer Dempsey who was honor graduate in his Army Transport Helicopter Pilot Course, receives her PHT ("Pushing Hubby Through") diploma from Brig. Gen. Bernard S. Cairns, USA, commandant of the Army Aviation School, Ft. Rucker, Ala. All wives of the graduating aviators are given the PHT diploma in a light-hearted tribute to the backing they gave their husbands while they were undergoing the strenuous training. Left to right are: Mrs. Dempsey, Lt. Arnett C. Powers, Commanding Officer, Cargo Helicopter Student Company, and General Cairns.

Births • Marriages • Deaths

(No charge for Service announcements. Please notify promptly.)

Born

AARON—Born at Walter Reed AH, Washington, DC, 19 Oct, to Maj and Mrs Harold R Aaron, a daughter.

ADAM—Born at Neubrucke/Nahe, Germany, 7 Oct, to Sp2 and Mrs Frank R Adam, a son, Michael Gerard.

ALBERGOTTI—Born at Landstuhl, Germany, 11 Oct, to Capt and Mrs Julian S Albergotti, Jr, 2d General Hosp, APO 180, New York, their second child, a daughter, granddaughter of Col and Mrs J S Albergotti, of Ft Bliss, Tex.

AMES—Born at Heidelberg, Germany, 5 Oct, to Sp1 and Mrs William M Ames, USA QM TID, APO 403, New York, a daughter, Brenda Avylline.

ANDARY—Born at Ft Jackson, SC, 10 Oct, to Capt and Mrs Lee S Andary, a son.

ANSLEY—Born at Heidelberg, Germany, 6 Oct, to Sp2 and Mrs John W Ansley, 545 Sig Co, APO 28, New York, a son, Jerry Glenn.

APPLEMAN—Born at DeWitt AH, Ft Belvoir, Va, 19 Oct, to Maj and Mrs Stratton M Appleman, a daughter.

AUSTIN—Born at Bethesda, Md, 12 Oct, to Lt and Mrs J A Austin, a daughter.

BAKER—Born at Ryukyus AH, Ft Buckner, Okinawa, 9 Oct, to Sfc and Mrs Ira D Baker, a son, Douglas.

BARNARD—Born at Cp Pendleton, Calif, 1 Oct, to 1st Lt and Mrs W R Barnard, a son, Gregory Allen.

BARRETT—Born at Dreux, France, 12 Oct, to T/Sgt and Mrs Richard A Barrett, Hq Sq, 60th Trp Carr Wg, APO 84, New York, a son, Spencer F.

BEAUCHESNE—Born at Vicenza, Italy, 5 Oct, to Sp2 and Mrs Joseph G Beauchesne, a son, Robert Antonio.

BECK—Born at Ft Leonard Wood, Mo, 12 Oct, to 2d Lt and Mrs James R Beck, a son, James Robert, Jr.

BEDNARCZYK—Born at Neubrucke/Nahe, Germany, 5 Oct, to M/Sgt and Mrs John F Bednarczyk, a son, Ronald Frank.

BENCH—Born at Cp Pendleton, Calif, 4 Oct, to 2d Lt and Mrs D A Bench, a son, Stanley Thomas.

BENNETT—Born at Dreux, France, 9 Oct, to T/Sgt and Mrs Duncan Bennett, 317th CAM Sqn, APO 253, New York, a daughter, Sharon D.

BOWLES—Born at Vicenza, Italy, 22 Sept, to WO and Mrs George R Bowles, Jr, a son, Paul Wendel.

BROOKS—Born at Ft Leonard Wood, Mo, 16 Oct, to 1st Lt and Mrs Barry M Brooks, a daughter, Lisa Gall.

BROWN—Born at Reese AFB, Tex, 16 Oct, to 1st Lt and Mrs Ivan O Brown, a daughter, Juanita Ivonne.

BUCKNER—Born at Ft Jackson, SC, 9 Oct, to Maj and Mrs Willis L Buckner, a son.

CALDWELL—Born at Bethesda, Md, 25 Sept, to Lt and Mrs F S Caldwell, a daughter.

CALIENDO—Born at Walter Reed AH, Washington, DC, 22 Oct, to Maj and Mrs Lorenzo Caliendo, a daughter.

CECIL—Born at Heidelberg, Germany, 5 Oct, to Sgt and Mrs Zane G Cecil, 29th Sig Bn, APO 164, New York, a son, Zane Grey Jr.

COGSWELL—Born at Reese AFB, Tex, 16 Oct, to 1st Lt and Mrs Edward B Cogswell, Jr, a son, Edward Brown, 3d.

COREY—Born at Ryukyus AH, Ft Buckner, Okinawa, 3 Oct, to Lt Col and Mrs George Corey, a daughter, Heather Catherine.

COUPENS—Born at Ft Carson, Colo, 10 Oct, to Capt and Mrs Joseph Coupens, 1908 S Franklin, Ft Carson, a daughter.

CRAWFORD—Born at Quantico, Va, 17 Oct, to 2d Lt and Mrs Lynn R Crawford, a son, Randolph Laird.

CULBERTSON—Born at Fitzsimons AH, Denver, 23 Oct, to 1st Lt and Mrs Richard C Culbertson, a daughter.

CUSTARD—Born at Valley Forge AH, Phoenixville, Pa, 18 Oct, to 2d Lt and Mrs Norman Custard, a son.

DALKE—Born at Lackland AFB, Tex, 11 Oct, to Capt and Mrs Harry Dalke, 110-A Selfridge Ct, BMV, Lackland AFB, a son.

DAVIS—Born at Bethesda, Md, 23 Sept, to Lt(jg) and Mrs D R Davis, a daughter.

DAVIS—Born at Ft Leonard Wood, Mo, 12 Oct, to 2d Lt and Mrs Sherman L Davis, a daughter, Kathryn Sue.

DAVIS—Born at Walter Reed AH, Washington, DC, 20 Oct, to Maj and Mrs Michael J Davis, a son.

DAVIS—Born at Ft McClellan, Ala, 16 Oct, to 2d Lt and Mrs Robert G Davis, a daughter, Karen Michele.

DE LEONARDIS—Born at Neubrucke/Nahe, Germany, 8 Oct, to Sfc and Mrs Carlo De Leonardis, a son, Carlo, Jr.

DOLAN—Born at Ryukyus AH, Ft Buckner, Okinawa, 6 Oct, to Sfc and Mrs Andrew Dolan, a son, Andrew John.

DUNN—Born at Bethesda, Md, 26 Sept, to Lt and Mrs T S Dunn, Jr, a son.

ENOS—Born at Fitzsimons AH, Denver, 22 Oct, to Maj (USAF) and Mrs James W Enos, a son.

EVANS—Born at Bethesda, Md, 10 Oct, to LCdr and Mrs J R Evans, a daughter.

FRANCIS—Born at Heidelberg, Germany, 7 Oct, to Sp2 and Mrs Raymond W. Francis, Co A 382d MP Bn, APO 28, New York, a daughter, Suzanne Marie.

FURTH—Born at Quantico, Va, 15 Oct, to 2d Lt and Mrs Donald R. Furth, a daughter, Donna Marie.

GARZA—Born at Vicenza, Italy, 4 Oct, to Sfc and Mrs Arnoldo Garza, a daughter, Erika.

GESS—Born at Bozeman, Mont, 8 Oct, to Capt and Mrs Robert H Gess, Mil Science Dept, Montana State College, Bozeman, a daughter, Elissa Brooks.

GIBULKA—Born at Ft Leonard Wood, Mo, 12 Oct, to 2d Lt and Mrs Joseph G Gibulka, a son, Joseph Michael.

GILBERTSON—Born at Heidelberg, Germany, 7 Oct, to Sp2 and Mrs Arthur A Gilbertson, 526 QM Co, APO 164, New York, a son, Scott Allen.

GOETZ—Born at Bolling AFB, Washington, DC, 20 Oct, to Capt and Mrs Charles Goetz, a daughter.

GUTIERREZ—Born at West Point, NY, 21 Oct, to Capt and Mrs Medardo Gutierrez, a daughter, Margaret Mary.

HAMBRIGHT—Born at Heidelberg, Germany, 8 Oct, to Maj and Mrs Rufus R Hambright, 130th Sta Hosp, APO 403, New York, a son, Wesley Francis.

HAMILTON—Born at Ryukyus AH, Ft Buckner, Okinawa, 8 Oct, to Sfc and Mrs Jimmie J Hamilton, a daughter, Mary Louise.

HARNEY—Born at Walter Reed AH, Washington, DC, 24 Oct, to Capt and Mrs Robert G Harney, a daughter.

HEALY—Born at Ft Leonard Wood, Mo, 17 Oct, to 2d Lt and Mrs Lawrence G Healy, a daughter, Patricia Lucile.

HEATH—Born at Bethesda, Md, 12 Oct, to Lt and Mrs J F Heath, a daughter.

HEDGE—Born at Ft Monmouth, NJ, 20 Oct, to 1st Lt and Mrs Raymond A Hedge, 521-B Pinebrook Rd, Eatontown, NJ, a son.

HENVILLE-SHANNON—Born at Walter Reed AH, Washington, DC, 23 Oct, to 1st Lt and Mrs John O Henville-Shannon, a son.

HERNDON—Born at Brooke AH, Ft Sam Houston, Tex, 16 Oct, to 2d Lt and Mrs Joseph E Herndon, a son.

HERREN—Born at Vicenza, Italy, 16 Sept, to Sfc and Mrs William L Herren, a son, William Romano.

HESS—Born at Heidelberg, Germany, 27 Sept, to Sfc and Mrs Lewis W Hess, Hq Svc USAG Hammon Bks, APO 403, New York, a daughter, Pia Juliane.

HESTER—Born at Heidelberg, Germany, 10 Oct, to Sfc and Mrs Clarence L Hester, 37th Engr Bn, APO 166, New York, a daughter, Silvia Ann.

HOGAN—Born at Fitzsimons AH, Denver, 23 Oct, to Col (USAF) and Mrs H L Hogan, a daughter.

HOLCOMBE—Born at DeWitt AH, Ft Belvoir, Va, 10 Oct, to Lt and Mrs Thomas W Holcombe, their third child and second son, John Walker, grandson of Brig Gen (USARet) and Mrs W H Holcombe, of Mount Vernon, Va, and of Rear Adm (USN-Ret) and Mrs Ernest Becker, of Washington, DC.

IRONS—Born at Bethesda, Md, 20 Sept, to Lt (USN) and Mrs H S Irons, a son.

JACKSON—Born recently in San Diego, Calif, to Mr and Mrs Remington Jackson, of Del Mar, Calif, a son, Stephen Marcus, grandson of Capt (USNR-Ret) and Mrs Richmond Jackson, of Pacific Beach, Calif.

JASINSKI—Born at Leghorn, Italy, 5 Oct, to T/Sgt and Mrs Casimir R Jasinski, a son, Eugene.

JOHANSSON—Born at Ft Monmouth, NJ, 21 Oct, to 2d Lt and Mrs Everett W Johansson, 151 Mitchell Dr, Eatontown, NJ, a son.

JOHNSON—Born at Neubrucke/Nahe, Germany, 8 Oct, to 1st Lt and Mrs Ernest B Johnson, a daughter, Angela Michelle.

JUSTUS—Born at Vicenza, Italy, 27 Sept, to Sfc and Mrs Bobby R Justus, a son, Robert Van.

KEEL—Born at Laredo AFB, Tex, 11 Sept, to Lt and Mrs James M Keel, Jr, a son, Thomas Austin, grandson of Mrs Austin N Martenstein, of Richmond, Va, and the late Brig General Martenstein, USAF-Ret.

KESSELMAN—Born at Heidelberg, Germany, 5 Oct, to Capt and Mrs William Kesselman, O/Comptr Hq USAREUR, APO 403, New York, a son, Stephen Edward.

KOKAT—Born at Leghorn, Italy, 1 Oct, to M/Sgt and Mrs Edward Kokat, a son, Robert Vincent.

KRAVITZ—Born at Ft McClellan, Ala, 18 Oct, to Capt and Mrs Arthur R Kravitz, a son, Neal Elliot.

LANGLANDS—Born at Leghorn, Italy, 18 Oct, to S/Sgt and Mrs Peter B Langlands, a son, Richard Allen.

LARRABEE—Born at Vicenza, Italy, 24 Sept, to Sgt and Mrs Lemont S Larrabee, a son, Steven Wayne.

LAWRENCE—Born in Donald N Sharp Memorial Hosp, San Diego, 17 Oct, to Lt and Mrs Robert E Lawrence, a daughter,

Lynn, granddaughter of Lt (USN-Ret) and Mrs Robert B Lawrence, La Mesa, Calif.

LAWRENSON—Born at Ft Leonard Wood, Mo, 13 Oct, to 2d Lt and Mrs Bruce E Lawrenson, a daughter, Tamera Jean.

LEE—Born at DeWitt AH, Ft Belvoir, Va, 22 Oct, to Maj and Mrs William F Lee, a daughter.

LUKE—Born at Pensacola, Fla, 29 Aug, to Cdr and Mrs Raymond W Luke, a daughter, Kathy Lynn.

MADERE—Born at Brooke AH, Ft Sam Houston, Tex, 17 Oct, to Capt and Mrs Glen W Mader, a daughter.

MAINS—Born at Neubrucke/Nahe, Germany, 9 Oct, to Sgt and Mrs Dale R Mains, a daughter, Teresa Ann.

MARSDEN—Born at Quantico, Va, 20 Oct, to 2d Lt and Mrs Richard W. Marsden, a son, Richard George.

MARTIN—Born at Neubrucke/Nahe, Germany, 6 Oct, to Sgt and Mrs Henry W Martin, a son, Mitchell Levon.

MATHERLY—Born at Vicenza, Italy, 25 Sept, to Sfc and Mrs Gerald R Matherly, a daughter, Sylvia Linda.

MCCORMICK—Born at Heidelberg, Germany, 3 Oct, to Sp2 and Mrs Russell G McCormick, 964th Eng APO 403, New York, a son, Jackie Leyn.

MCCORMICK—Born at Brooke AH, Ft Sam Houston, Tex, 17 Oct, to 2d Lt and Mrs Howard A McCormick, a son.

McWORTHER—Born at Heidelberg, Germany, 8 Oct, to 2d Lt and Mrs Robert D McWorther, 44th Chemical Co, APO 166, New York, a son, Stephen Douglas.

MERE—Born at Walter Reed AH, Washington, DC, 22 Oct, to Cdr and Mrs Cecil E Mere, Jr, a son.

MERRILL—Born at Cp Pendleton, Calif, 1 Oct, to Capt and Mrs C A Merrill, a daughter, Susan Elizabeth.

METZGER—Born at West Point, NY, 21 Oct, to Capt and Mrs J Hayes Metzger, a son, Curtis Evans.

MILLER—Born at Vicenza, Italy, 10 Oct, to Sfc and Mrs Lloyd J Miller, a son, Lloyd Joseph, Jr.

MILLER—Born at Walter Reed AH, Washington, DC, 19 Oct, to 1st Lt and Mrs John B Miller, Jr, a son.

MILLER—Born at Heidelberg, Germany, 7 Oct, to Sgt Furrel Miller, A Btry 73 AAA, APO 164, New York, a daughter, Suzanne.

MILLER—Born at Dreux, France, 11 Oct, to 1st Lt and Mrs Billy H Miller, 11th Trp Carr Sqn, APO 84, New York, a daughter, Katrina D.

MOATS—Born at Neubrucke/Nahe, Germany, 5 Oct, to Sfc and Mrs Paul R Moats, a son, Craig Allen.

MORGAN—Born at Ryukyus AH, Ft Buckner, Okinawa, 15 Oct, to Sgt and Mrs Albert G Morgan, a son, Richard Lee.

MOSHIER—Born at Leghorn, Italy, 10 Oct, to M/Sgt and Mrs William A Moshier, a son.

MUNSON—Born at Fitzsimons AH, Denver, 20 Oct, to Capt and Mrs Wayne M Munson, a daughter.

MURPHY—Born at San Francisco, 23 Sept, to Lt and Mrs Garrison Murphy, a daughter, Joan Kruse, granddaughter of Vice Adm (USN-Ret) and Mrs M E Murphy, of Los Altos, Calif, and great granddaughter of Capt (MC, USN-Ret) and Mrs H A Garrison, of San Diego.

NEWTON—Born at Neubrucke/Nahe, Germany, 3 Oct, to Sgt and Mrs Max W Newton, a son, Thomas Bruce.

NIEMIEC—Born at Vicenza, Italy, 12 Sept, to Sfc and Mrs Francis E Niemiec, a son, Leslie Paul.

NOONAN—Born at Heidelberg, Germany, 8 Oct, to Sfc and Mrs John R Noonan, 73d AAA Bn, APO 164, New York, a daughter, Penny Ann.

OLDS—Born at Quantico, Va, 15 Oct, to Capt and Mrs. James H Olds, a son, Scott Nathan.

O'MALLEY—Born at Ryukyus AH, Ft Buckner, Okinawa, 6 Oct, to 1st Lt and Mrs John M O'Malley, a son, Michael Joseph.

O'NEILL—Born at Reese AFB, Tex, 19 Oct, to 1st Lt and Mrs Charles J O'Neill, a daughter, Colleen.

OWENS—Born at Cp Pendleton, Calif, 5 Oct, to Capt and Mrs H Owens, a son, Michel Hosea.

PAUL—Born at Valley Forge AH, Phoenixville, Pa, 16 Oct, to Capt and Mrs Albert Paul, a daughter.

PEACHER—Born at Brooke AH, Ft Sam Houston, Tex, 21 Oct, to 2d Lt and Mrs Stanley E Peacher, a son.

PEARCE—Born at Heidelberg, Germany, 28 Sept, to CWO-2 and Mrs William J Pearce, 275th Eng Co, APO 164, New York, a daughter, Sylvia Rose.

PERKINS—Born at Lackland AFB, Tex, 13 Oct, to Lt Col and Mrs Willis H Perkins, 123 Bolling Green Dr, Lackland AFB, a daughter.

PHILLIPS—Born at Vicenza, Italy, 22 Sept, to Sfc and Mrs John L Phillips, a son, Craig Allan.

PITACCIO—Born at Dreux, France, 13 Oct, to T/Sgt and Mrs Benjamin A Pitacchio, 60th Install Sqn, APO 84, New York, a daughter, Irene.

PRICE—Born at Heidelberg, Germany, 10 Oct, to Sgt and Mrs James E Price, B Btry

7th AAA, APO 28, New York, a son, Michael Edward.

PROVOST—Born at Ft Meade, Md, 18 Oct, to 1st Lt and Mrs Leroy Provost, a daughter.

REEVES—Born at Vicenza, Italy, 4 Oct, to S/Sgt and Mrs Calvin A Reeves, a daughter, Nancy Lee.

RHODES—Born at Ryukyus AH, Ft Buckner, Okinawa, 9 Oct, to Sfc and Mrs J Rhodes, a son, Michael Wayne.

ROEMER—Born at Ft Eustis, Va, 23 Oct, to Capt and Mrs Walter Roemer, twin sons and daughter.

RUSH—Born at Neubrucke/Nahe, Germany, 8 Oct, to Sfc and Mrs Lloyd L Rush, a son, Lloyd Roy.

RUSSELL—Born at Neubrucke/Nahe, Germany, 8 Oct, to Sgt and Mrs Morton Russell, a son, Carl Alexander.

SCHWALJE—Born at Vicenza, Italy, 26 Sept, to 1st Lt and Mrs Donald D Schwälje, a son, Donald Dean.

SCHWARTZENCRABER—Born at Heidelberg, Germany, 6 Oct, to Sp-1 and Mrs R Schwartzencraber, Med Div Hq APO, New York, a daughter, Jeannie Elizabeth.

SHAPIRA—Born at Ft McClellan, Ala, 10 Oct, to Lt Col and Mrs Norman I Shapira, a daughter, Paula Rica.

SHELTON—Born at Heidelberg, Germany, 9 Oct, to Sgt and Mrs Harland A Shelton, 182d Ord Co, APO 166, New York, a daughter, Donna Darlene.

SHIPLEY—Born at Heidelberg, Germany, 10 Oct, to Sp2 and Mrs Roger R Shipley, MRU APO 403, New York, a son, Scott James.

SHIPLEY—Born at Ryukyus AH, Ft Buckner, Okinawa, 12 Oct, to Sgt and Mrs E Shipley, a son, Allen Eugene.

SIMS—Born at Ft Monmouth, NJ, 19 Oct, to 2d Lt and Mrs David H Sims, Box 7, Hancock, NJ, a daughter.

SIMSEN—Born at Brooke AH, Ft Sam Houston, Tex, 22 Oct, to Capt and Mrs Donald A Simsen, a daughter.

SKINNER—Born at Dreux, France, 9 Oct, to T/Sgt and Mrs Charles G Skinner, 8th Trans Sqn, APO 84, New York, a son, Charles G.

SMITH—Born at Leghorn, Italy, 16 Oct, to CWO and Mrs Herbert R Smith, a daughter, Cassandra Ann.

SMITH—Born at Quantico, Va, 16 Oct, to 1st Lt and Mrs James G Smith, a daughter, Kathleen Mary.

SPABACINO—Born at Ft Meade, Md, 18 Oct, to 1st Lt and Mrs Carmine A Spabacino, a daughter.

STEWART—Born at Quantico, Va, 17 Oct, to Lt (USN) and Mrs Edgar T. Stewart, a son, Matthew Gared.

STORY—Born at Brooke AH, Ft Sam Houston, Tex, 20 Oct, to 2d Lt and Mrs P Story, Jr, a daughter.

SWAFFORD—Born at Leghorn, Italy, 10 Sept, to Sp2 and Mrs Elmer L Swafford, a daughter, Karen Denise.

THOMAS—Born at Bethesda, Md, 12 Oct, to Lt and Mrs R C Thomas, a son.

TOBINE—Born at Heidelberg, Germany, 10 Oct, to Sgt and Mrs Robert W Tobine, Hq Co 1st ARB, APO, New York, a daughter, Lee Ann.

VEACH—Born at Ryukyus AH, Ft Buckner, Okinawa, 9 Oct, to Sfc and Mrs Glenn Veach, a daughter, Irene Victoria.

VOAS—Born at Bethesda, Md, 7 Oct, to Lt and Mrs R P Voas, a daughter.

WAGNER—Born at Ryukyus AH, Ft Buckner, Okinawa, 10 Oct, to Sgt and Mrs Daniel J Wagner, a daughter, Joyce Ann.

WALLER—Born at Heidelberg, Germany, 7 Oct, to Sp2 and Mrs Bennie R Waller, Hq and Hq Co, 26th T Gp, APO 166, New York, a son, Bennie Ray, Jr.

WARING—Born at Ft Meade, Md, 21 Oct, to 2d Lt and Mrs Nowton L Waring, a daughter.

WEISS—Born at Ft Jackson, SC, 9 Oct, to Capt and Mrs Sherwyn L Weiss, a daughter.

WIGGINS—Born at Vicenza, Italy, 2 Oct, to T/Sgt and Mrs James N Wiggins, twin daughters, Christina Deborah and a daughter, Lawrence Alan.

WILLIAMS—Born at Quantico, Va, 18 Oct, to 2d Lt and Mrs Melvin I Williams, a son, Mark Edward.

WILSON—Born at Walter Reed AH, Washington, DC, 20 Oct, to Capt and Mrs J H Wilson, a daughter.

WILSON—Born at Cp Pendleton, Calif, 10 Oct, to Capt and Mrs W C Wilson, a son, Mark William.

WISHON—Born at Heidelberg, Germany, 28 Sept, to Sp2 and Mrs Chester O Wishon, Radio Co 17th Sig Bn, APO 164, New York, a son, Chester Oliver, Jr.

WOLFFBERGER—Born at Ft Carson, Colo, 15 Oct, to CWO and Mrs Robert P Wolffberger, a son, Robert Daniel.

ZEIGLER—Born at Bethesda, Md, 30 Sept, to Lt and Mrs P E Zeigler, a son.

Married

ALMY-FORST—Married at the Base Chaplain's Office, Greenville AFB, Miss, 26 Oct, Miss Joan Newfield Forst, daughter of Mr and Mrs Carl L Forst of Greenville, and Lt Forst, 6th Army, Jr, USAF, son of Mr and Mrs Almy of Tenafly, NJ.

BAJAKIAN-MARSHALL—Married at the Armenian Apostolic Church, Flushing,

Obituary

Col. Charles Rees Lloyd, USA-Ret.

Col. Charles Rees Lloyd, USA-Ret., died at his home at Clearwater, Fla., on 18 Oct., at the age of 80.

Colonel Lloyd, who was a veteran of the Spanish-American War, the Philippine Insurrection and the Mexican Border campaign, was retired from active duty in 1920. He later served for 24 years as Superintendent of the Morristown, N. J. Hospital and, for the past 11 years, had made his home at Clearwater.

He is survived by his widow, Mrs. Marie Elizabeth Lloyd of Clearwater.

Col. Charles C. Young, USA-Ret.

Funeral services were held at Clearwater, Fla., this week for Col. Charles C. Young, USA-Ret., 58, who died 23 Oct., at Walter Reed Army Hospital, Washington, D. C.

A Marine Corps veteran of WWI, Colonel Young was a graduate of the University of Colorado and its Law School. He served in the Reserve Corps between the two World Wars and was called to active duty in 1939. During WWII, Colonel Young served as Judge Advocate and Civil Affairs Officer of the 1st Cavalry Division in the Pacific theater. He later was one of the organizers of the 1st Cavalry Division Association and was one-time President of the organization. Following WWII, Colonel Young saw duty in the Office of the Judge Advocate General. He was retired from duty in 1953, because of ill health, and had since made his home at Clearwater.

He is survived by three sisters, Mrs. Laura Wafer, Mrs. Edith Griggs and Miss Norine Young, all of Denver, Colo.

U. S. COAST GUARD

Secretary of the Treasury—Robert B. Anderson
Commandant—Vice Adm. Alfred C. Richmond

COAST GUARD Headquarters has advanced 19 Regular officers to the next higher rank, including one to captain, one to commander, three to lieutenant commander, three to lieutenant and 11 to chief warrant, W-2.

All temporary appointments are effective from 1 November unless otherwise indicated. The names of the new appointees are:

To Captain

Crouser, Christian R

To Commander

Haney, John L

To Lieutenant Commander

Kirkley, William J Johnson, Robert W Chambers, Edward B

To Lieutenant

Lumaden, Kenneth M Croff, Martin F Campbell, Gordon R

To Chief Warrant, W-2

Campaigna, Frank N Low, Samuel N Harris, Earl W G Trepeta, Max Williams, R H, jr Patrick, Sherwood N

To Chief Warrant, W-2 2 Nov

Dill, Albert N

To Chief Warrant, W-2, 17 Nov

Black, Kenneth R Caddell, N P, jr Cropper, James L

At the same time, Headquarters issued appointments as warrant officer, W-1, to three enlisted men. Their warrants also are effective from 1 November. The warrants are in the Radio Electrician category.

The appointments are Earl J. Potter, Paul H. Johannes and Benjamin R. Teal.

RETIREMENTS

Radm. Charles W. Thomas heads the list of eight Regular officers who ended their careers on 1 November.

Admiral Thomas, along with Cdr. Paul E. Savonis, retired after 30 years' service. Retiring for age was Cdr. John D. Hill. Ending their careers after 20 years' service were: LCDr. Leslie F. Cool; Lt. Carl Erickson; CWO Herman E. Winters; and, WO's William H. Petersen and James M. Sharpe.

ASSIGNMENT CHANGES

Lieutenant Commander

Fisher, Frank M, jr, HUMBOLDT (XO) to CGD17 (leg. off.)
Wilkie, Leland O, Moorings, N London (CO) (Designated add. duties as CDR, CG Grp & CO, COTF, N London)

Lieutenant

Donohoe, Leo V, CGAS, Elizabeth City (Difot) to Chanute AFB (Difotins-eae)
Oldford, Harry J, jr, WPB-95314 (CO) to TraSta, Groton (Institute)
Wohlgenuth, Richard S, CGAD, Barbers Pt (Difot) to Chanute AFB (Difotins-eae)

Lieutenant (jg)

Boyd, Raymond J, jr, MACKINAC (EO) to SPENCER (Duty)
Green, David L, CASCO (Engr Trng) to WPB-95314 (CO)
Myers, Jared Y, STORIS (Duty) to NAS, Pensla (Basic Flt Trng)

Ensigns

The listed officers were ordered from the indicated ships to NAS Pensacola for Basic Fleet Training:

Beach, Benjamin S, jr, Rockaway.
Glasgow, James G, Spencer.
Goodroe, Maurice V, Ingham.
Jehle, Charles H, Acacia.
Solomon, Bruce L, Storis.
Midgett, Ara D, jr, Mendota.
Shigley, Herschel W, Minnetonka.
Woods, Mathew, Humboldt.

Chief Warrant

Henthorn, James C, BLACKTHORN to LBS, Chicago (CO)
Rummel, Frederick M, BRAMBLE to WAL-NUT (TEM) thence LBS, Erie (CO)

Warrant

Gill, James B, CHEROKEE to COTP, San Francisco

Mitchel Aero Club

Has 4 New Members

Three flying generals and a colonel—whose combined careers reflect nearly a century of piloting experience—have been awarded honorary membership in the Mitchel AFB, N. Y., Aero Club.

The flying generals are Lt. Gen. William E. Hall, Commander, Continental Air Command; Maj. Gen. Roger J. Browne, First Air Force Commander; and Brig. Gen. Arthur C. Agan, jr., Commander, 26th Air Division, Roslyn AFB, Long Island. The Colonel is Marshall A. Elkins, Mitchel's Commander.

Special gold embossed membership cards were presented to the new members during a brief ceremony at Mitchel Base Operations. Capt. Arnold A. Jacoby, Aero Club president assigned with CON-AC's Individual Training Directorate, officiated at the ceremony.

Queens, NY, 27 Oct, Miss Amy Elisabeth Marshall, daughter of Mrs Ralph H Tate, wife of Brig General Tate, USA-Ret, of Clearwater, Fla., and Mr Don Marshall of Huntington, LI, NY, and Mr Vincent Bajakian, son of Mr & Mrs Mesrob Bajakian of Flushing.

CLARE GRANT—Married at the Roman Catholic Church of St Rose of Lima, Newark, NJ, 26 Oct, Miss Anne Frances Grant, daughter of Dr & Mrs William F Grant of Newark, and 1st Lt James Tormey Clare, USAF, son of Mr & Mrs John W Clare, also of Newark.

CRALLE-FORSTER—Married at Our Lady of Grace Church, San Antonio, Tex, 23 Aug, Miss Penelope Louise Forster, daughter of Brig Gen & Mrs George J Forster, and Lt Maury Spotswood Cralle, jr, son of Col & Mrs Cralle of Ft Sam Houston, Tex.

ELLS-RICHARDS—Married at the Presbyterian Church, Rye, NY, 26 Oct, Miss Laura Elizabeth Richards, daughter of Mr & Mrs Edward Lambert Richards, and Ens Stephen Frank Ells, USNR, son of Mr & Mrs Frank Brown Ells of Cambridge, Mass.

GALLAGHER-McNEECE—Married at Mary Star-of-the-Sea Catholic Church, La Jolla, Calif, 12 Oct, Miss Constance Ann McNece, daughter of Mrs John B McNece, and Lt(jg) George A Gallagher, jr, USAF, son of Mr & Mrs Gallagher of Rockland, Mass.

GRIMAUD-NEWTON—Married at the Sacred Heart Catholic Church, Coronado, Calif, 5 Oct, Miss Jacqueline Christine Newton, daughter of Mr & Mrs Frank W Newton, and 2d Lt Maurice LaVelle Grimaud, USAF, son of Mrs Andrie Grimaud of Coronado.

HARPOLD-HIGGINS—Married at the First Methodist Church, Palo Alto, Calif, 12 Oct, Miss Virginia Carolyn Higgins, daughter of Col (USA-Ret) & Mrs Wilfred R Higgins of Palo Alto, and Mr Allan Earl Harpold, jr, son of Mr & Mrs Harpold of Youngstown, O.

KNUTSON-MILLER—Married at the First Presbyterian Church, Marianna, Fla, 26 Oct, Miss Carolyn Clinton Miller, daughter of Mr & Mrs William Christian Miller of Englewood, NJ, and 2d Lt Robert Bruce Knutson, USAFR, of Graham AB, Fla.

PILLIVANT-HANSON—Married at Our Lady Help of Christians Church, West Concord, Mass., 26 Oct, Miss Alice May Hanson, daughter of Mr & Mrs Henry Thomas Hanson of Maynard, Mass, and Mr Garrett Allen Pillivant, son of Col Ray Allen Pillivant, OrdC, USA, of Ft Meade, Md.

PLANT-BANCROFT—Married at the Methodist Church, Milford, O, 26 Oct, Miss Barbara Lozier Bancroft, daughter of Mr & Mrs MacGregor Bancroft, and 2d Lt George Lauderdale Plant, jr, USAFR, son of Mr Plant of New York, & Mrs Marion Grimes Sutter of Los Angeles, Calif.

REYNOLDS-SAWYER—Married at St Alban's Episcopal Church, Washington, DC, 26 Oct, Miss Jane Blanche Sawyer, daughter of Mrs Leroy Lee Sawyer & the late Dr Sawyer, and Lt(jg) David Bertram Reynolds, son of Mr & Mrs Wallace Bertram Williams of Berkeley, Calif.

SHERIDAN-KENNEY—Married at St Anthony's Church, Trenton, NJ, 5 Oct, Miss Elizabeth Ann Kenney, daughter of Mr & Mrs Edward J Kenney of Trenton, and Lt William Leo Sheridan, of Camp Lejeune, NC, son of Mrs William Sheridan of Washington, DC.

WILLIAMS-BROWN—Married at the home of her father, at the Bronx, NY, 26 Oct, Miss Jacqueline Melbourne Brown, daughter of Dr Lucian M Brown & the late Mrs Brown, and Maj Edward Butler Williams, jr, USAF, son of Mr Williams, sr, of Everett, Mass., & the late Mrs Williams.

Died

ADAIR—Died at Ada, Okla, 16 Aug, Lt Col Roy E Adair, Ret.

BARRY—Died at Clinton, Iowa, 19 Aug, Lt Col Frank J Barry, Ret.

BARTON—Died 26 Oct, Mrs Edna B Barton, wife of Lt Col Byron Barton, USA-Ret, of 517 25th St, So, Arlington, Va. In addition to her husband, she is survived by one son, Robert Barton. Burial was at Arlington National Cemetery.

BREWSTER—Died at Corpus Christi, Tex, Lt Col Delmar R Brewster, Ret.

BROWNE—Died near Sparta, NC, 21 Oct, LCDr Harvey Seymour Browne, USCG-Ret. He is survived by his widow, Mrs Nellie E Browne of 1311 Capri St, Coral Gables, Fla; one daughter, Mrs John E Petersen; three sons, Lt Col H S Browne, 3d, Mr William W Browne & Ens Thomas M Browne; & one step-son, Mr Harry S Ford. Burial was at Arlington National Cemetery, Washington, DC.

CARLISLE—Died at USNH, Oakland, Calif, 8 Oct, Mrs Madelyn M Carlisle, wife of Radm Harold A Carlisle, USN-Ret. In addition to her husband, she is survived by one son, Mr David P Carlisle; one daughter, Mrs Jerome P Solari; and two sisters, Mrs O W & Mrs E B MacKay. Burial was at the Golden Gate National Cemetery, San Bruno, Calif.

DONOVAN—Died 28 Oct, Marsha Donovan, daughter of Capt (USAF) & Mrs George A Donovan, of 5907 23d Pl, Hillcrest Heights, Md. In addition to her parents, she is survived by two sisters, Paula & Barbara Donovan. Burial was at Arlington National Cemetery.

DREISONSTOK—Died at his home at Washington, DC, 24 Oct, Capt Joseph Y Dreisonstok, USN-Ret, (USNA '12), 68. He is survived by his widow, Mrs Estelle Dreisonstok of 4000 Cathedral Ave, NW, Washington; four children, Mr Lloyd Dreisonstok of 3500 14th St, NW, Washington, Miss Bette Dreisonstok of 3705 Harrison St, NW, Washington, Mr Robert Dreisonstok of 5431 39th St, NW; Washington, & Mr Thomas Dreisonstok of Columbus, O. Burial was at Arlington National Cemetery.

DUCHANE—Died at Durante, Calif, 25 Aug, 1st Lt Donald E Duchane, Ret.

EMBICK—Died at Walter Reed AH, Washington, DC, 23 Oct, Lt Gen Stanley Dunbar Embick, USA-Ret. He is survived by his widow, Mrs Ethel Wall Embick of the Kennedy-Warren Apts, Washington; one daughter, Mrs Albert C Wedemeyer, wife of General Wedemeyer, USA-Ret; and one sister, Mrs Giles Flower of Carlisle, Pa. Burial was at Arlington National Cemetery.

FERGUSON—Died at Daytona Beach, Fla, 2 Oct, Capt Ralph A Ferguson, Ret.

FLYNN—Died in Germany, 16 Oct, Capt Arthur R Flynn, Inf.

FOSTER—Died at Denver, Colo, 4 Oct, Capt Lee J Foster, Ret.

FRITZ—Died at Albany, NY, 1 Sept, Capt Walter C Fritz, Ret.

GALLOWAY—Died at her home at Washington, DC, 27 Oct, Mrs Frederica Mertens Galloway, 44, wife of Col Donald H Galloway, USA-Ret, of 4900 Quebec St, NW, Washington, DC. In addition to her husband, she is survived by two daughters, Miss Anne Galloway, a student at Manhattanville College, & Mary Galloway of the home address; two sons, Lt Frederick M Galloway, now in Germany, & Edward Galloway of the home address; and her mother, Mrs Frederick Mertens of 3312 Porter St, NW, Washington. Burial was at Arlington National Cemetery.

GARNER—Died at Chapala, Jalisco, Mexico, 24 Sept, Maj William W Garner, Ret.

GARRETT—Died at Big Bear Lake, Calif, 16 Oct, LCDr John Schroeder Garrett, USN-Ret, 49. He is survived by his widow, Mrs Helen Elizabeth Garrett of 3779 Yosemite St, San Diego, Calif. Burial was at the Ft Rosecrans National Cemetery.

GEYER—Died at Butler, Pa, 26 Sept, 2d Lt Robert B Geyer, Ret.

GREEN—Died at Vista, Calif, 8 Aug, Col Dwight M Green, Ret.

GUNN—Killed in a plane crash, south of Manila, PI, 11 Oct, Col Paul I (Pappy) Gunn, USAF-Ret, 57. He is survived by his widow, Mrs Clara Louise Gunn of Warrington, Fla.

GUY—Died at Warren, O, 7 Oct, 2d Lt Gordon E Guy, Ret.

HARBIG—Died in Douglas County, Minn, 9 Aug, CWO Albert J Harbig, Ret.

HART—Died in Palm Beach County, Fla, 3 Aug, Lt Col Vincent G Hart, Ret.

HULEN—Died at his home at Palacios, Tex, 23 Oct, Brig Gen Harry Hulen, USA-Ret, 71. He is survived by his widow, Mrs Marguerite Hulen of Palacios; and one son, Mr Harry Hulen.

HUMBERT—Died at Greenville, NC, 22 Aug, Lt Col Walter C Humbert, Ret.

HUNTER—Died at White Sands Proving Ground, NMex, 11 Oct, CWO William B Hunter, TC.

KENT—Died in Korea, 16 Oct, CWO Charles H Kent, MPC.

KILLEN—Died 25 Aug, Maj Albert E Killen, Ret.

LOYD—Died at his home at Clearwater, Fla, 18 Oct, Col Charles Rees Lloyd, USA-Ret, 80. He is survived by his widow, Mrs Marie Elizabeth Lloyd of 705 Wood Dr, Clearwater.

MCGOLDRICK—Died at Spokane, Wash, 4 Aug, Capt Edward A McGoldrick, Ret.

McKINNEY—Died at Vero Beach, Fla, 22 Aug, Maj Walter E McKinney, Ret.

MULLINS—Died at El Paso, Tex, 5 Oct, Capt Ovid A Mullins, Ret.

NELOWET—Killed in the crash of his jet plane, 23 Oct, Lt(jg) Wallace S Nelowet, 25. He is survived by his widow, Mrs Bobbie A Nelowet of 139 13th St, Del Mar, Calif.

O'KEEFE—Died at Walter Reed AH, Washington, DC, 28 Oct, Col Desmond O'Keefe, USAF-Ret. He is survived by his widow, Mrs Alice C O'Keefe of 6910 Oakridge Ave, Chevy Chase, Md; one daughter, Mrs Melvin E Cox of Arlington, Va; two sons, Capt Desmond O'Keefe, jr, of Wavneboro, Va, & Edward John O'Keefe of Chevy Chase; and one brother, Col Keefe O'Keefe, USAF, of Hickam AFB, TH. Burial was at Arlington National Cemetery.

READ—Died at his home at Washington, DC, 22 Oct, Mr Harry C Read, father of Capt John K Read, USA, now in Germany.

Burial was at Arlington National Cemetery.

ROHRBOUGH—Died at Daytona Beach, Fla, 28 Aug, CWO Ralph H Rohrbough, Ret.

RUGE—Killed in the crash of a jet plane, just after take-off from Hill AFB, Utah, 22 Oct, Lt(jg) Frank Valentine Ruge, jr, 25, of the Alameda Naval Air Sta, Calif.

RUTHERFORD—Died at Windermere, Fla, 23 Aug, Lt Col Paul A Rutherford, Ret.

RYAN—Died at St Francis' Hospital, Columbus, Ga, 21 Oct, 1st Lt Lillian J Ryan, ANC-Ret, of Columbus, and aunt of Lt Col Charles F Heagy of 1263 Peacock Ave, Columbus. Burial was at Park Hill Cemetery, Columbus.

SMITH—Died at San Diego, Calif, 17 Oct, Mrs Margaret E Smith, 69, wife of Lt George C Smith, USN-Ret, of 4560 58th St, San Diego. In addition to her husband, she is survived by three sons, Mr Fred W O'Connell of San Diego, Dr James O'Connell & Mr Daniel O'Connell, both of Idaho; and 12 grandchildren. Interment was at the Holy Cross Cemetery, San Diego.

STRAW—Died at Belle Fourche, SDak, 10 Oct, Mrs Lois H Straw, 60, mother of 1st Lt Edith N Straw of the US Army Mill Dist, Okla, 1101 No. Broadway, Oklahoma City, with whom she had made her home. In addition to her daughter, she is survived by another daughter, Mrs J M Hart of Miami, Fla; four grandchildren; and two sisters, Mrs A A Dinsdale & Mrs Oscar Smith, both of Dickinson, NDak. Burial was at Dickinson.

YOUNG—Died at Walter Reed AH, Washington, DC, 23 Oct, Col Charles Cooper Young, USA-Ret. He is survived by three sisters and one niece.

WEISE—Died at her home at San Antonio, Tex., 12 Oct, Mrs Magdalena Weise, 80, mother of Mrs James W Hill, wife of Colonel Hill, Ret, of 190 Arrowhead Dr, West, San Antonio. In addition to her daughter, she is survived by five sons, Messrs John T R, Eric, Fred & the Reverend Gerhard Weise; another daughter, Mrs Ella Kasischke; 12 grandchildren and six great-grandchildren. Burial was at Sunset Memorial Park, San Antonio.

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Huey, Donald E, 1st MAW, to 2d MAW.
Owens, Robert G, Jr, Stf CNABATRA, to FMFPac.

MAJOR

Quick, William H, 3d, 1st MAW, to MAD NAS, PaxRiv.
Steinway, Robert A, 2d MAW, to AdvAirCon Crse C1 "O" NAS, Glynco, Ga.
Griffin, Marion J, 3d Mar Div, to MarPac.

To 1st MarDiv

From 3d Mar Div:
Groff, Goodwin C Smith, Loren R

To MCS, Quant, Va

Bohn, Robert D, 3d Mar Div.
Stirling, Harold H, Jr, Stf, CINCPac.

CAPTAIN

Collins, Edward E, 3d Mar Div, to 1st Mar Div.
Percival, Richard E, 1st Mar Brig, to MCS, Quant.
Smith, Edward E, 2d MAW, to Jet Trns Crse FOF-6 NAS, Olathe, Kans.
Radwell, Francis M, 1st Mar Brig, to MarPac.
Derr, Norbert M, NSA, Wash, DC, to NDS, Ft Meade, Md.
Dollard, Charles W, Beeville, Tex, to 1st MarBrig.
Gibson, Herbert S, 2d Mar Div, to MCAS Kaneohe Bay, Oahu, TH.
Anker, Harold R, 2d Mar Div, to USN Area Audit Office, LosA.
Burger, Donald J, MCRD PISC, to USN Area Audit Office, SDiego.

1ST LIEUTENANT

Arban, Peter S, Jr, 3d Mar Div, to MCS, Quant.
Sollday, Robert E, MCS, Quant, to MAD NAS, PaxRiv.

Carlow, Sterling K, 3d Mar Div, to MarBks NAD McAlester, Okla.
Odonnell, Thomas J, Jr, Phila, to inactive duty.

Tyksinski, William A, CorpC, Tex, to MAG-31.
Holder, George R, 3d MAW, to inactive duty.
Krolak, Richard S, MCB CampPen, to 1st MAW.

2D LIEUTENANT

Beall, Walter A, AirFMFPac, to 1st MAW.
Kenney, Edward M, MCS, Quant, to 1st Mar Div.

Doran, Robert R, CorpC, Tex, to MAG-31.
Stephens, Charles A, Beeville, Tex, to 2d MAW.

To 3750th Tech TraWg, Sheppard AFB, Tex
From AirFMFPac:
Pierce, Aadron A Waggoner, Kenneth L

To AirFMFPac

Barnhart, James M, MCS, Quant.
From Beeville, Tex:
Burns, James G Campbell, James R

To MCS, Quant, Va

From NAS, Pnclia:
McGuinness, V J Martin, Robert J

To MAD NABTC, NAS, Pensacola

From Quantico, Va:
Altman, James L Halligan, Thomas P
Buckley, Edward A Hankin, Ronald M
Burch, Gene P Hoff, Robert M
Coughlin, Donald O Johnson, Bob G
Drake, Clancy G Kruthers, James M
Evans, Kenneth B Martin, Donald D
Fritzler, Robert A Rogers, Jack J
Gondek, Robert L Thurson, Robert L

CHIEF WARRANT OFFICER

Schroeder, W-4 Edward J, HqMC, to MarCor SupCen, Barstow, Calif.
Kohler, W-4 Alfred G, Ft Monmouth, NJ, to MCB, CamLej.

RETIRED

Shea, Col Harry N; fr 9th MCRRD.
Thommes, Lt Col Edward C; fr MarCorSup FwdAnnex, S Francisco.
McGuire, Maj John H; fr ForTrps FMFLant.
Cremonese, Capt Nick J; fr HqMC.
Chapman, Capt Leland X; fr MCB, CamLej.
Mariasy, 1st Lt Richard S; fr 4th MCRRD, to temp disab ret list.
Ruhl, CWO, W-4 Edgar F; fr MCB, CampPen.
Smith, CWO, W-4 William D; fr MarBks NavB, Brooklyn, to temp disab ret list.

Housing Available At MCB Camp Pendleton

Family housing is immediately available for officers and men reassigned to MCB Camp Pendleton, Calif., according to Mr. R. P. Alvarado, Resident Manager of De Luz Homes and Wire Mountain Homes.

There are a number of one and two bedroom single-story units, renting for \$80.40 and \$86.10 per month. The rates include utilities, range, refrigerator and landscape care.

Garages, including a storage space, are available for \$5 per month extra.

Marines being assigned to the Camp Pendleton area are requested to write for further particulars. Letters should include rank, size of unit desired and the anticipated date of arrival.

LCdr. David Hunt Joins Alaska Command Unit

LCdr. David W. Hunt, USN, has been assigned to the Communications Division, Headquarters, Alaskan Command.

Commander Hunt comes to Alaska from the Naval Communications Station at San Diego, where he was communications officer.

Commander Hunt's wife and son are living at San Diego during his Alaskan tour.

Parris Island Closes 3d Recruit Battalion

The Third Recruit Training Battalion, Marine Corps Recruit Depot, Parris Island, S. C., which has trained more than 12,000 "boots" since it was organized in the Fall of 1955, has been deactivated.

Parris Island officials attributed the shut-down to military budget cuts, low attrition rates and the reopening of high schools and colleges in recruiting areas east of the Mississippi. It was decided to close down the Battalion after the recruit level dropped to 5,000.

The Battalion is the third of its kind to be deactivated this year. The Fifth RTB closed its doors on 15 January and the Fourth on 20 April.

Concurrent with the deactivation of the Third Battalion, command shifts are underway.

Lt. Col. E. E. Hammerbeck, who has commanded the Third since August, moves to the Second Battalion, succeeding Lt. Col. Francis I. Fenton.

Colonel Fenton becomes Commanding Officer of the Recruit Training Command Inspector-Instructor Staff.

Maj. J. B. Harrison, Third Battalion Executive Officer, relieves Maj. J. G. Cervell as XO of the Second Battalion. Major Cervell has been named Assistant Industrial Relations Officer.

Other Third Battalion officers being shifted to the First and Second Battalions are:

To First — Captains Ernest Graham and Charles Whiting; and, 1st Lieutenants Jack Pollard, Andrew Reynolds, Bobby Ready, John Kussman and Robert Waters.

To Second — Captains Richard Johnson and John Cobb; and, 1st Lieutenants John Chester, William Norcross, William Randall, Charles Tye and Joseph Sassano.

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Col. Dyas At Trier

Col. John R. Dyas, formerly Deputy Commander of the U. S. Tactical Air Command's 19th Air Force, has assumed duties at Trier, Germany, as Fourth Allied Tactical Air Force Deputy Chief of Staff for Operations, one of the top positions in the NATO command.

He succeeds Col. William R. Nevitt, reassigned to the U. S.

Col. and Mrs. Dyas are now living with their three children, Judy, Joanna, and John Robert, in an American housing unit overlooking the Moselle River valley and the city of Trier, Germany's oldest city.

BUSY OFFICE

The 2616th Air Reserve Center, 294 Cedar Street, New Haven, Conn., comprises three officers, seven airmen and two civilians.

Of these seven airmen, three became fathers the last weekend of September.

S/Sgt. Russell P. Berg announced the arrival of nine pound-three ounce boy on 28 September.

T/Sgt. Marcus Bell announced the arrival of a seven pound-one ounce boy 29 September.

M/Sgt. Jack C. Schwartz announced the arrival of a baby girl, eight pounds-six ounces on 30 September.

Col. Zimmerman To TTAf

Chaplain (Col.) Leslie F. Zimmerman, USAF, is the new Staff Chaplain at Technical Training Headquarters, Gulfport, Miss., succeeding Chap. (Col.) Leroy R. Priest. Formerly stationed at Randolph AFB, Tex., Chaplain and Mrs. Zimmerman will reside at 25 54th Street, Gulfport.

Graduate Air Course

Forty-seven student officers and aviation cadets of Class 57-18 were graduated 7 Oct. at Harlingen AFB, Tex.

The Commander's Trophy was presented to David K. Clarke and letters of recognition were given to Aviation Cadets Laurie A. Bunten, David K. Clarke, and Willis Y. Lyon. A letter was given to Lt. Russell G. Petrie, student officer, also for outstanding accomplishment. The awards were presented by Col. Robert W. Elliott, Commander, 3610th Navigator Training Group.

Among the graduates were three of The Republic of Korea's Air Force, Sung Do Kim, Tai Koo Mun, and Kwang Soo Na.

The graduates were: **STUDENT OFFICERS** — Robert E. Dalton, Russell G. Petrie, Dulon D. Pollard, Therice E. Tibbits, Garratt T. Beesley, George A. Canterbury, Alton G. Cox, Jr., Robert E. Edberg, Charles D. Folkers, Stanley E. Goldstein, Donald W. Jones, Seymour G. Karnes, Mickey J. Littman, Lorin R. Matthews, Henry W. Mutrie, Stanley E. Patton, Robert C. Pole, George Shriber, Donald W. Swain, Thomas E. Townsend, Dennis O. Wallace, and Robert J. Wise.

CADETS — Laurie A. Bunten, John A. Carnochan, David K. Clarke, Richard D. Gardner, Gary W. Henry, David J. Jensen, John F. Kothanek, Gerald J. Kovach, Willis Y. Lyon, Joseph J. Malenich, Alan J. Mandel, Edward C. Mishou, Jr., Eugene M. Porter, John A. Schlosser, Lyle A. Sentman, Dennis E. Sherman, Malvern R. Stevens, Jr., Joachim A. Sulfrain, Robert W. Wheeler, and Eugene L. Wood, Jr.

Tex. U Will Dedicate \$850,000 ROTC Bldg.

Assistant Secretary of Defense William G. Francis (Manpower, Personnel and Reserve), will be the featured speaker at the formal dedication ceremony of the new ROTC Building of the University of Texas on Saturday, 9 November.



Mr. Francis

One of the highlights of this year's Homecoming Celebration, the colorful ceremony dedicating the new \$850,000 building will be witnessed by prominent military and university officials.

Among those expected to be present who will be in the official party are Lt. Gen. John H. Collier, Commanding General, Fourth Army; Maj. Gen. Turner C. Rogers, Commandant Air Force ROTC; Maj. Gen. H. L. Grills, Commander 3700 Basic Military Training Wing and Commander of Lackland Air Force Base, RADM. Walter G. Schindler, Commandant, Eighth Naval District; RADM Ralph S. Clarke, Chief of Naval Air Advanced Training; Dr. Logan Wilson, President, the University of Texas; and Mr. Leroy Jeffers, Chairman, the Board of Regents at the University of Texas.

Capt. Francis J. Johnson, USN, former Professor of Naval Science; Col. Hugh D. McGaw, USA-Ret., former Professor of Military Science and Tactics; Col. David H. Thomas, USAF, Professor of Air Sci-

ence; Capt. Donald Irvine, USN, Professor of Naval Science; and Col. Curtis T. Ricketts, USA, Professor of Military Science and Tactics, all served on the Building Committee as military advisors.



A CERTIFICATE OF APPRECIATION from Ft. Benning's Youth Activities Club is awarded to Mrs. Herbert B. Powell, wife of Maj. Gen. Powell, commanding general of the U. S. Army Infantry Center. Col. Howard W. Greer, president of YAC, makes the presentation. Mrs. Powell, honorary chairman of Ft. Benning's Girl Scout program, was cited for her outstanding support and leadership of Girl Scouts and other youth programs on the post.

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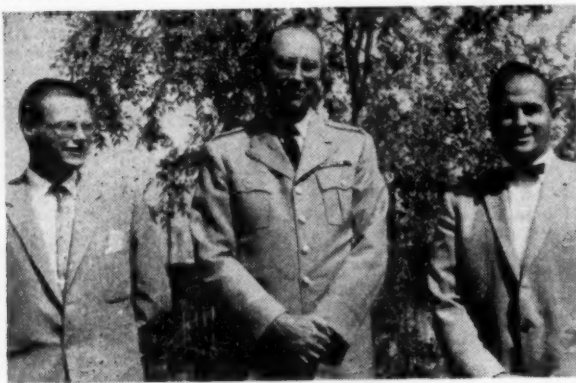
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INDUSTRY IN DEFENSE



COL. J. E. JOHNSTON, USA, (center), Commander of Los Angeles Ordnance District, at the Grand Central Rocket Co. in Redlands, Calif. Charles E. Bartley, left, is president of Grand Central, Earle Sample, right, is Chief of the Guided Missile Plans of LAOD. Among important Army contracts, Grand Central leads the "Dart," anti-tank missile. Col. Johnston also delivered a lecture to a group of Redlands businessmen on the industrial impact on the area of the Army's \$2,000,000 missile and rocket program.

Douglas, jr., Elected Head of Aircraft Co.; Gen. Eaker New VP; Douglas, sr., Chairman

Donald W. Douglas, jr., has been named president of the Douglas Aircraft Company, Santa Monica, Calif., and Frederic W. Conant, senior vice president, elevated to the newly created office of vice chairman of the board.

The post assumed by 40-year-old Mr. Douglas was vacated by his father, Donald W. Douglas, sr., founder of the company, who remains chairman of the board and the chief executive officer. In that capacity Mr. Douglas, sr., will continue to shape and guide the policies and over-all direction of the world-wide organization he founded 37 years ago. In his absence Mr. Conant will function as the chief executive officer.

Election of the younger Douglas, who has been serving as vice president, director and member of the executive committee, took place at the regular meeting of

the board of directors.

At the same time the board also named John Dundas, vice president of administration, to be a director of the company and executive vice president, and elected General Ira C. Eaker, USAF-Ret., to the position of vice president in charge of the eastern offices of the company. General Eaker just joined on 15 October after 10 years as vice president of the Aircraft Division of the Hughes Tool Co.

Mr. Dundas, who prior to his election as vice president was general counsel of the corporation, replaces on the present board Harry W. Strangman, a veteran Douglas executive who several weeks ago resigned his directorship. He remains treasurer of the company.

Although a comparatively young man, Mr. Douglas, jr., is a veteran of almost 20 years in the aircraft industry, having served in many technical, experimental, sales, administrative and executive capacities. At the time of his election to the presidency, he was vice president in charge of the company's military relations.

In addition to his wide experience in industrial and military circles, he has been active for years in civic, business and community projects. He is married and has two children.



Mr. Douglas, jr.

PX Directors Meet At Hq. 4th Army

Lt. Gen. J. H. Collier, Fourth U.S. Army commander, was host to members of the Board of Directors, Army and Air Force Exchange and Motion Picture Services, at their October meeting, at Ft. Sam Houston, Tex.

The purpose of meetings held at command level is to acquaint major commanders with matters covered during the course of a board meeting, and further, to obtain the views of major commanders on the new concept of exchange operations.

Lt. Gen. Charles T. Myers, USAF, Randolph Air Force Base, commanding general of the Air Training Command, attended with members of his staff.

Members of the Board of Directors present were: Lt. Gen. Manuel J. Asensio, deputy chief of staff, comptroller, U. S. Air Force; Maj. Gen. C. J. Bondley, jr., office of the deputy chief of staff, materiel, U. S. Air Force; Maj. Gen. James B. Quill, assistant comptroller of the U. S. Army; Maj. Gen. R. J. Reeves, office of the deputy chief of staff, personnel, U. S. Air Force; Maj. Gen. Harlan C. Parks, chief of the Army and Air Force Exchange Service; Brig. Gen. Charles W. G. Rich, office of the deputy chief of staff, personnel, Department of the Army; and Brig. Gen. Lou G. Van Wagoner, office of the deputy chief of staff, logistics, Department of the Army.

General Parks, who is ex-officio member, was accompanied by his deputy chief, Brig. Gen. R. T. Evans, jr.

Fourth U. S. Army headquarters was represented in addition to General Collier by Maj. Gen. Peter C. Hains 3d, Fourth U. S. Army chief of staff; Col. Maury S.

Cralle, assistant chief of staff, G-1; Col. Clayton F. Fowler, Fourth U. S. Army comptroller, and Maj. F. Don Miller, Fourth U. S. Army staff exchange officer.

Navy Develops Plastic Shell Case For Army

The traditional brass cartridge case for artillery shells—in use for more than 50 years—soon may be discarded in favor of a light-weight plastic case.

Scientists at the Naval Ordnance Laboratory, Silver Spring, Md., have developed and successfully tested the plastic case which weighs less than half as much as the metal case.

The Army will make operational and costs studies before adopting the cases.

The NOL prototype cases made for the 105mm (four inch-plus) field gun being used by the Army and Marine Corps show a weight saving of three pounds per shell.

This weight saving will make it easier for Army and Marine gunners to handle the shells, as well as resulting in savings of shipping weight and shipping costs.

Another advantage of the new case cited by NOL scientists is the fact that the casings can be mass-produced at far less cost than metal or steel cases.

With the exception of a steel base, the cartridge case is made of styrene copolymer material, especially developed by the Borg-Warner Corporation.

Some of the test cases have been fired several times without reconditioning, emerging undamaged from the test gun after being subjected to extremely high pressures and temperatures. In addition, the new cases have passed weather tests calling for external temperatures ranging from minus 65 to plus 160 degrees Fahrenheit.

Builders of Defense

THE MARTIN COMPANY reports that sales for the third quarter of 1957 were \$98,805,378 compared to \$110,633,009 for the second quarter of 1957, and that sales for the first nine months of this year showed an increase over sales for the same period last year. The Company's net income of \$2,077,117, equivalent to 71 cents a share for the third quarter of this year compares with net income of \$2,416,397, equivalent to 82 cents a share reported for the second quarter. The Company pointed out that most of its work is presently, and will for some time continue to be, performed under cost-plus-fixed-fee contracts where profit margins are traditionally lower than under fixed price contracts.

Two portable, self-powered electronic instruments of "unmatched accuracy" for use in ground maintenance of aircraft have been announced by **LYCOMING DIVISION**, Avco Manufacturing Corp. Both are for use by aircraft electrical maintenance crews and laboratory personnel. They are the "Volt-Ohm Frequency Meter" and the "Frequency Meter."

LOCKHEED AIRCRAFT CORP. has received a \$62.1 million Navy contract to accelerate development of the fleet ballistic missile Polaris. Development of Polaris, already ahead of schedule, is being accelerated to bring it into the front line missile arsenal as rapidly as possible. Initial research development and testing was conducted by Lockheed under a \$20.5 million contract.

Major firms working with Lockheed on the Polaris program include **AERO-JET GENERAL**, **GENERAL ELECTRIC**, **WESTINGHOUSE** and **SPERRY GYROSCOPE**. Earlier, Westinghouse received a \$10 million contract for development of an experimental launching system, and General Electric a \$1.5 million award for a fire-control system.

LOCKHEED'S GEORGIA DIVISION is scheduled to deliver 12 C-130 Hercules propjet transports in 1958 to the Royal Australian Air Force. Cost of the planes, including spares, crew training and support equipment, is expected to exceed \$35 million.

ADMIRAL CORP.'s Nuclear Radiation Laboratory has prepared an illustrated folder describing its Chicago, Ill., facility. It can be obtained from the company's public relations department, 3800 Cortland St., Chicago 47, Ill.

LEAR INC. has received a \$5.4 million Air Materiel Command contract for the new Master Altitude Reference System (MARS), already installed in the Chance-Vought F8U-1 and the Lockheed F-104. The new systems will be installed in the Boeing KC-135 tanker-transport, Boeing B-52 long-range bomber, Northrop T-38 jet trainer, and the MacDonnell F-101 fighter.

RECONY CORP. is moving its main offices from New York City to Richmond, Va., but will continue to maintain an office at 150 Nassau Street, N. Y. C. Greatly increased volume, said company officials, necessitated the move to a larger facility.

AIRCRAFT INDUSTRIES' ASSOCIATION's Export Service reported that U. S. helicopter exports for the first nine months of this year increased 57 per cent over the same period in 1956. Total shipments during the first three quarters of this year numbered 179 'copters, valued at \$32.2 million. The figures include direct factory shipments only.

AIRCRAFT RADIO CORP., Boonton, N. J., has received the 1957 award for Outstanding Achievement in Air Safety from the New Jersey Wing of the Air Force Association. Alanson W. Parkes, Vice President for field engineering and sales, accepted the award from R. Kenneth Hamler, AFA state wing commander.

SOLAR AIRCRAFT CO. has published a new 14-page brochure, "Solar Advanced Technology," describing the company's products, services and facilities. Copies may be obtained by writing to the company at 2200 Pacific Highway, San Diego 12, Calif.

U. S. RADIUM CORP. has developed a new process for marking and finishing lacquered instrument dials which is said to extend their functional life under extreme environmental and operating conditions by as much as 100 per cent. Details were revealed at the Aircraft Electrical Society's annual display in Los Angeles.

BABCOCK & WILCOX CO. boilers will power one of the world's most complete air conditioning systems at the new \$7.5 million Love Field Terminal, Dallas, Tex.

SANDBERG-SERRELL CORP., engineering firm, will mark 10 years of operation by moving into its own building in East Pasadena, California, early next year.

APPOINTMENTS

DOUGLAS AIRCRAFT CO.'s Chief of Missiles Research Section, Dr. Wolfgang B. Klemperer, was awarded an honorary degree of Doctor of Technical Sciences from Vienna's Institute of Technology for his pioneer work in aviation.

A JOHNS HOPKINS UNIVERSITY Operations Research Office member has joined the faculty of the Army War College, Carlisle Barracks, Pa., as a member of the War Games Section. He is Dr. Joseph O. Harrison, jr., who during WW II served as Officer-In-Charge of the Navy's Mine Warfare School.

WASTE KING CORP.'s Technical Products Division has appointed Sam Gilman as its chief electronics engineer. The company manufactures mechanical components and assemblies for aircraft, guided missiles, and other ordnance; machines experimental missile and rocket parts; and produces complex systems assemblies.

GARRETT CORP.'s Air Research Aviation Service Co., has named George F. Rice to the position of Chief Engineer. He is a veteran of 20 years in the aircraft and missile fields.

FARNSWORTH ELECTRONICS CO. has appointed Dr. C. D. W. Thornton as Director of Research and Development. He is a member of the Armed Forces Communications Electronics' Association.

Recovery Kit Extends Matador Missile Life

The Air Force's TM-76 Martin Matador tactical missile, in operational use overseas, can now be modified to permit recovery and reuse.

Formerly a one-shot weapon, the missile may be converted by replacing its warhead with a recovery kit which will slow the weapon and deploy three 100-foot cargo parachutes to float it safely to the ground. The systems permits an exact positioning of the missile over the desired recovery area.

The kit will permit intensified training in the launching operation and will cut costs, Martin officials say.

Screw-Thread Standards

"Screw-Thread Standards for Federal Services, 1957" has been issued as National Bureau of Standards Handbook H28 (1957), as part of the Bureau's program to promote uniformity in screw-thread standards.

The 214-page book is available from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C., \$1.25.

Christmas Mail Deadline—15 Nov.

The deadline for mailing overseas Christmas packages is 15 Nov.

Packages which are mailed after that date may not reach their destination before Christmas, postal authorities state.

All packages going overseas by boat should have been in the mail in October. Air mail packages may be mailed as late as 1 Dec. However, air mail packages are limited to two pounds.

Packages shipped by boat may weigh as much as 22 pounds and measure not more than 44 inches in length and 24 inches in girth.

Packages should be securely wrapped in heavy boxes and packed in either shredded paper or excelsior. Boxes should be wrapped in waterproof paper and securely tied with stout cord.

Postal officials also urge that packages be properly addressed.

Palm Beach Changes

Col. George W. Peterson, 1707th Air Transport Wing Commander at Palm Beach AFB, Fla., has named Lt. Col. Jesse R. Foley, Jr., Deputy Commander, Services, succeeding Col. Elbert W. A. Taylor, reassigned to Eglin AFB, Fla., prior to retirement on 30 Nov., following more than 20 years of continuous active duty.

Maj. Clinton E. Hankins has assumed duties as Commander of the 1742d Air Transport Squadron succeeding Colonel Foley. Succeeding Major Hankins as 1742 Operations Officer is Maj. Robert W. Hansen, who in turn was succeeded by Capt. Joseph G. Bush as the C-97 Chief Pilot.

Colonel Foley is married to the former Miss Margaret L. Murphree of Jackson, Miss. He and Mrs. Foley reside at 7010 Pine Tree Lane, Lake Clarke Shores, West Palm Beach, Fla.

Major Hankins is married to the former Miss Frieda Lois Wenning of Honolulu, T. H. He and Mrs. Hankins and their three children reside at 364 Summa Street in West Palm Beach.

USARFANT Personnel Learn To Speak Spanish

Military personnel and their dependents at Army and Navy installations in Puerto Rico can now acquire a good working proficiency in conversational Spanish, through a new combined effort by Florida State University, Armed Forces Radio Service station A-C-E at Ft. Brooke, P.R., and the Army's Antilles Education Office, U.S. Army Forces Antilles and Military District of Puerto Rico.

The joint program has been initiated in furtherance of the Army's recent emphasis on the need for Army personnel to learn another language.

Florida State University, which conducts college courses each 8-week semester for personnel at the Army's Ft. Buchanan consolidated school near San Juan, began this term a two-semester class in conversational Spanish which offers six semester hours of college credits to students who successfully complete the course.

Enrollment for the FSU Spanish course was so heavy, according to the local director Maj. Henry P. Watson, USA-Ret., that two classes totalling more than 60 students are being conducted concurrently.

Command support of the program has been given strong impetus by Brig. Gen. James W. Coutts, commanding USARFANT & MDP, and group-study USAFI classes in Spanish have had heavy attendance at Fts. Brooke and Buchanan. At Ft. Buchanan, all post officers attend an additional hour of Spanish instruction four days each week from 0700 to 0900, initiated by Col. Jim H. McCoy, post commander, and presented by the USARFANT & MDP Education Office with FSU assistance.

U. S.-Canadian All-Service Effort Gets Industry Boost In Program To Strengthen North American Air Defense

NORAD
COLORADO SPRINGS, COLO.

THE defense of North America against air attack—by manned aircraft or missile—is being fortified here by an expansive team effort that involves all the Services, industry, and community leaders from all parts of the nation.

It's a program geared to the urgent need of widespread public understanding of critical air defense problems—supersonic noise is one of them—and the need for public support of adequate military budgets.

The drive to strengthen the air defense system through improved community relations currently is centered at North American Air Defense Command headquarters on the introduction of such new weapons as the Convair F-102.

A JOURNAL reporter visiting the headquarters of General Earle E. Partridge, USAF, Commander-in-Chief of NORAD, was invited to participate in special briefings arranged for civic leaders from the Langley AFB, Va., area.

The Tidewater area community leaders were flown here in a Convair C-131 to learn at first-hand the story of NORAD, its major Army, Navy and Air Force elements, and how the F-102 fits into the big picture.

Under overall supervision of the NORAD Office of Information Services, the community relations program, as it pertains to the expanded operational use of the F-102—similar briefings already are being planned for the introduction of the Lockheed F-104—is being handled by information officers of Lt. Gen. Joseph H. Atkinson's Air Defense Command.

The Langley group, which was accompanied to Colorado Springs by Brig. Gen. Edwin S. Chickering, USAF, Langley AFB Commander; Col. Roy Caviness, USAF, Deputy Chief of Staff, Operations, 85th Air Division; and Lt. Col. Hirman G. Turner, USAF, Commander of the 48th Fighter-Interceptor Squadron which has just received the F-102, was greeted at a Sunday evening reception by Col. Broun H. Mayall, ISO for ADC.

Hosts for the informal Sunday evening reception was the Convair Division of General Dynamics Corporation, represented here by Lester K. Murray and Brig. Gen. E. P. Pennebaker, Jr., USMC-Ret.

The Sunday evening get-together was followed by Monday briefings starting at 0830, where a welcoming message was given the visitors by Maj. Gen. Marshall C. Carter, USA, NORAD Chief of Staff, who represented General Partridge.

AIR DEFENSE "HANDS ACROSS THE BORDER"

NORAD
COLORADO SPRINGS, COLO.

THE full-fledged partnership of Canada in operations at North American Air Defense Command headquarters was pointed up by a happenstance during last week's briefing there of civic leaders from the Langley AFB, Va. area, where the Convair F-102 is just going into operation.

It happened that at the time the Langley visitors were visiting the Combat Operations Center, the duty officer was Squadron Leader Robert Walker, RCAF.

At that moment, Squadron Leader Walker of Canada had the responsibility for monitoring the entire air defense of North America, including activities of U. S. and Canadian forces alike.

On hand at the COC with its Director, Col. H. W. Shoup, USAF, was the only Army officer at the center. He is Lt. Col. Lawrence H. Tyree, USA, who is Assistant Director. Another Assistant Director is Cdr. Jack Lawyer, USN.



Gen. Partridge

General Carter and Brig. Gen. S. W. Agee, USAF, ADC Deputy for Operations, explained the organization of NORAD, formerly the Continental Air Defense Command. General Agee stressed the increasingly close cooperation with the Air Defense Command of the Royal Canadian Air Force, pointing out the importance of the recent designation of Air Marshal C. Roy Slemon as Deputy to General Partridge.

General Agee's presentation was followed by a detailed briefing on the NORAD mission and organization by Lt. Col. C. E. Towne, Assistant to Col. Barney Oldfield, NORAD Information Services Officer.

Colonel Towne, a famed military marksman, described the current strength of Soviet ground, air and sea forces, analyzed the significance of Red Air Force progress in such weapons as the twin-jet Badger, four-jet Bison and the Bear turboprop, and touched on Soviet missile capability.

The NORAD ISO Deputy stressed the increasing cost of our air defense program, noting that the F-102 costs over \$1,000,000.

Colonel Towne was followed by Lt. Col. W. E. Modesitt, USAF, of the ADC Directorate of Operations. He outlined the missions performed by the 92,000 military personnel of ADC, and the complexities of monitoring more than 33,000 flights within, to and from the United States each day.

The Navy's contribution to the air defense system was outlined by Lt. Col. T. G. Bronleewe, USMC, Future Plans Officer on the staff of NORAD Naval Forces, under RADM. Walter F. Rodee, USN.

Colonel Bronleewe explained how elements of the Atlantic and Pacific

Fleets provide vital seaward extensions of the Distant Early Warning (DEW) Line.

The Naval briefing also was highlighted by a report on the functions of specialized radar ships operating off the Atlantic and Pacific coasts, and a discussion of studies concerning expanded use of blimps to augment Lockheed early warning flying radar stations.

Colonel Towne returned to lead the briefing in a report on the Army's Air Defense Command (see THE JOURNAL 26 October), now under Lt. Gen. Charles E. Hart, USA, who has just succeeded Lt. Gen. S. R. Mickelsen, USA-Ret.

The visiting civil leaders and newsmen from the Langley AFB area, invited by Colonel Mayall to question the briefers, pressed hardest on NORAD's capability to meet the Soviet missile threat.

Colonel Towne, Colonel Modesitt and Colonel Bronleewe were peppered with questions on the impact of Communist missile capabilities on NORAD operations. Explaining that security limitations prevented a full discussion of the problem, the briefers all stated, however, that the air defense system of the United States and Canada, though designed primarily for detection, identification, interception and destruction of manned aircraft, incorporated sufficient flexibility for ready adaptation to anti-missile warfare.

They emphasized repeatedly that this changeover will require substantial new expenditures, which would require wide public support.

The comprehensive briefings at Air Defense Command headquarters over, the Langley group then was taken on a tour of the NORAD nerve center, the windowless, block-constructed Combat Operations Center under Col. H. W. Shoup, USAF, COC Director and Deputy Chief of Staff, Plans and Operations, NORAD.

Colonel Shoup and his staff showed the 20x30 foot plexiglass plotting board in operation, and explained the intricate air defense communications network which requires 600 miles of wiring within the center itself, and consuming over six miles of teletype paper each day.

The COC visit was followed by a briefing on the community relations problems of air defense by Colonel Shoup after which the Langley group, escorted by Maj. Shale "Bud" Tulin, 85th Air Division Information Services Officer, left for a visit to the Convair plant in San Diego, Calif.

NORAD officials told THE JOURNAL that the F-102 community relations briefings have brought scores of letters from civic officials and news media representatives from every part of the nation hailing the Air Force Industry "grassroots" information program.

There were unofficial forecasts that Air Marshal Slemon's presence as NORAD Deputy would lead to similar invitations for groups from Canada to visit the air defense center at Colorado Springs.

Take Wherry's On 7 Bases

Wherry Housing units on seven SAC bases are scheduled to be taken over by the Air Force by 1 Jan. Units involved are at Biggs AFB, Tex., Travis AFB, Calif., Fairchild AFB, Wash., Malmstrom AFB, Mont., Mountain Home AFB, Ida., Lockbourne AFB, Ohio, and Offutt AFB, Nebr.

All units acquired will be operated as public quarters with residents forfeiting their full quarters allowance. It is indicated, however, that exceptions may be made in some cases.

DOUBLE DUTY

First Lieutenants Barbara A. Mahoney and Jane Armstrong, became the first military nurses as signed to the Central Air Defense Force Command's Richard-Gebaur AFB, Mo.

Previously stationed at Ellsworth AFB, S. D., they entered nursing training and received their R.N. together at Carney Hospital in Dorchester, Mass. They were both commissioned in the Air Force Nurse Corps on 11 March 1955.

SAC Wing Change

Most of the 1,800 military and 23 civilian personnel from the deactivating 91st Strategic Reconnaissance Wing, Lockbourne AFB, Ohio, will be assigned to the 376th Medium Bomb Wing which will transfer to Lockbourne from Barksdale AFB, La., on 30 November.

Surplus Barksdale personnel who do not move with the 376th will be used in other Strategic Air Command organizations, or separated from the service.

Some 91st Wing personnel with early dates of separation may also be released.

Expanding Army Aviation Program Offers Advanced Course For Officers

An advanced aviator officers course was initiated this week at the Army Aviation School, Ft. Rucker, Ala.

The new eight-week course includes 280 hours of academic instruction and 72 hours devoted to proficiency flying, physical training and commandants time.

Two unique features characterize the academic instruction. First, two-thirds of the instruction will consist of practical exercises in keeping with the psychology that students learn by doing. Second, there will be no formal examinations. Instead, students will be given unannounced evaluated exercises.

The curriculum has been tailored to meet the needs of staff aviation officers and embraces the following general topics: Army Aviation Program; Organization of the 1960 Type Field Army; Staff Organization (Functions and Responsibilities); Tactical Employment; Army Aviation Supply and Maintenance; Research, Development and Testing.

To reinforce instruction and supplement the curriculum, a guest speakers program has been incorporated in the course.

The Army Aviation Center states that the scope of subject matter and the level of instruction is expected to provide Army commanders with staff aviation officers, "school qualified to plan and recommend responsive tactical and logistical aviation support."

The new venture "will satisfy the long needed requirement for an advance officers course for Army aviators," the Aviation Center states.

Here is how the Aviation Center describes the evolution of the new course:

"Interpretation of current Department of the Army policy reveals that Army aviators must be qualified in two fields: first and foremost, branch qualified; and secondly, aviation qualified.

"Formerly, the only advanced training available to them was the instruction offered by branch advanced schools and the Command and General Staff College. Though these schools offer excellent training and satisfy the school portion of the first DA requirement, they are not directly suited to the specialized needs of Army aviators.

"The increased dispersion to be encountered in future warfare, the highly fluid character of operation, and the increased mobility of ground combat units, has made Army commanders aware and desirous of the combat and logistical potential of Army aviation. Their desire to have this added capability organic to their command will require an availability of highly qualified aviators to meet aviation staff and command requirements at higher echelons of command.

"Here, it becomes evident that aviators need a training medium to qualify them for this duty; their second Department of Army requirement—aviation qualified. Department of Army recognized this need which resulted in the issuance of a directive by the Commanding General, Continental Army Command to the Commandant, U. S. Army Aviation School to establish an advanced Aviation officers course.

"In response to this directive program of instruction was developed by a select group of rated senior Army officers and subsequently approved by the Commanding General of CONARC. Simultaneously, officer personnel records were screened to effect the selection of highly qualified personnel to research, develop and write aviation doctrine and allied subjects in consonance with the program of instruction.

"The prerequisites for selection included; attendance of branch advanced school; specialization in one particular field included in the program of instruction with a working knowledge of the other fields; a proven ability and experience in education, research and writing.

"The screening provided a small cadre, and as the initial group became more involved in the project carrying out the many and varied requirements; subsequent screening of officer records provided additional talent. After four months

of extensive research, discussions, conferences and voluminous writing the major portion of the instructional material was finalized.

"This select group of army aviators comprise the personnel assigned to the advanced officers course division, Department of Tactics, U. S. Army Aviation School: Maj. George Rogers, Chief of the division, was previously assigned as Aviation Officer, Fifth Corps, and a graduate of the Command and General Staff College; guided the development of the advanced course of instruction.

"The AAOC Division consists of two committees: the staff committee, headed by Maj. Lawrence J. Pfeiffer, with Capt. Paul C. Swing, Jr., Capt. John M. DeMaria, Capt. Charles C. Rhodes and Capt. John J. Collins as committee members; and the tactics committee headed by Capt. Charles O. Rupple with Captains Robert F. Little, Samuel J. Merrill and B. L. Odneal as committee members. 1st Lt. Jerome C. Meader is the division administrative officer.

"This group represents a total of 146 years of military service, 87 years flying experience, and an overall total of 20,615 flying hours. In addition the group represents combat experience in both World War II and the Korean conflict, and reflects experience in various branches and all services."

Army Aviation

The cost of accidents in aviation training has been cut by 43 per cent at the Camp Gary, Tex., Aviation School during its first year of operation under civilian contract.

Figures released by Owen Lazenby, Director of Flying Safety, show that accidents last year cost the Army flying training program 81 cents per flying hour. This year the cost is 46 cents.

"Sometimes," Lazenby said, "a class has been graduated for as low as eight or ten cents a flying hour for accidents." He added, however, that the record could be improved.

Flight training at Gary is now conducted by William Graham & Sons.

LT. COL. AUSTIN J. McDERMOTT has been assigned to the Army Transportation Supply and Maintenance Command, 12th and Spruce Streets, St. Louis, Mo. He was formerly Chief of the Aviation Branch, Transportation Division, Headquarters USAEUR. Colonel and Mrs. McDermott, with their two children, will reside at 304 Martigny Drive, Lemay, Mo.

Army Crew Changes Jet Engines in 1 hr. 7 min.

The crew of a Cessna T-37 Test Unit at Ft. Sill, Okla., claims a new record by changing engines in a T-37 jet in one hour and seven minutes. The unit is assigned to the 45th Trans. Bn.

During the current testing program, the engines of the jets are exchanged after every 50 hours of flying time. The replacement engines are shipped from Warner Robins Air Force Depot in Macon, Ga., where they are rebuilt and tested. The T-37 is powered by two J-69 Continental engines.

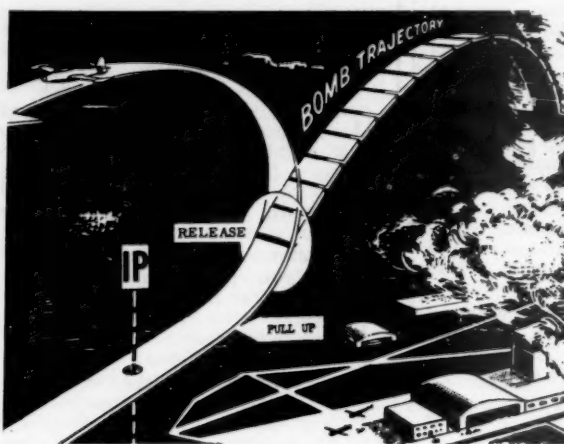
The planes have completed a total of more than 104 hours of flying time since being stationed at Fort Sill.

The crews of the three jets are especially selected from the Army Aviation School at Fort Rucker, Ala., and have nearly completed the six-week test program with the Artillery. They will conduct similar tests at Fort Knox, Ky., Fort Benning, Ga., and Fort Polk, La.

Maj. Cole ACofS

Appointment of Maj. Horace R. Cole, USA, a former executive officer of Fort Belvoir's G-2 intelligence section, as Assistant Chief of Staff of that section has been announced by Maj. Gen. David H. Tulley, Commanding General of the U. S. Army Engineer Center and Fort Belvoir, Va.

ARDC Joins LABS Computer And Autopilot To Simplify Accurate Low-Level Bombing



LOBBING DELIVERY method of bombing is shown schematically at left, while the "OVER THE SHOULDER" technique is shown below. In both diagrams the parallel solid lines show the path of the plane, while the broken solid lines show the path of the bomb from release to impact. Both are now simplified by the ARDC-developed LABS computer auto-pilot equipment.

A NEW automatic pilot has replaced its human counterpart in low-altitude deliveries of atom bombs and other nuclear weapons.

With the new device, pilots just sit back and watch the show as the automatic equipment puts their planes through the precise and critical maneuvers. The system is now operational.

Details of the new automatic flight control system with its Low Altitude Bombing System (LABS) computer were released by ARDC's Wright Air Development Center, Ohio, which monitored the project for the Air Force.

Prior to linking the automatic flight control system to the LABS computer, a pilot manually flew his airplane through an Immelmann maneuver that tossed the bomb, righted the plane from its upside down position at the top of the loop and streaked away from the bomb blast. This series of maneuvers sometimes resulted in extreme pilot danger due to the complicated recovery involved.

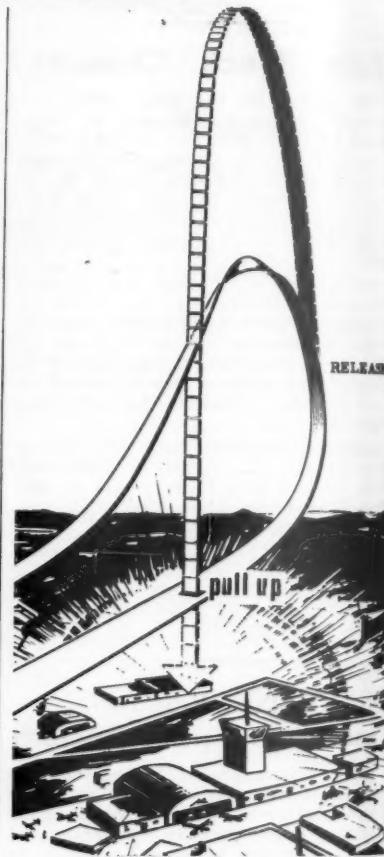
With the new system a timer button is pressed several seconds before the aircraft begins the Immelmann turn and the auto-pilot unit controls the flight of the plane. When the timer phase is completed, the plane begins its turn, holding a pre-determined heading and turn. The LABS computer releases the bomb at the proper instant, and the automatic pilot continues to fly the plane through the Immelmann turn, righting it and sending it away from the bomb blast.

Pilots who have flown practice missions with the new equipment claim the automatic pilot is superior to the manual method.

LABS was originated in 1951 by Lt. Col. (then Maj.) John A. Ryan, of WADC's Weapons Guidance Laboratory.

A computer device was developed and turned over to the Massachusetts Institute of Technology for refinement and the construction of 10 prototype models. MIT personnel modified the equipment which resulted in a production model being manufactured by the Minneapolis-Honeywell Regulator Co.

The production model was then changed at the request of WADC to include a method for high-angle delivery.



For a high-angle release, the plane starts its turn over the target and releases the bomb near the peak of its upward turn. While the bomb is traveling upward, the plane passes under it and is out of danger by the time the bomb loops down on the target. This method is termed the "over-the-shoulder" delivery. At a low-angle release, called the "lobbing" or "lobbing" technique, the bomb is lobbed ahead of the plane which can then fly away from the target area.

TAC WING CHANGE

Tactical Air Command's 83d Fighter Day Wing at Seymour Johnson AFB, N. C., will be redesignated early in December as the 4th Fighter Day Wing.

Personnel strength is expected to increase gradually during the first few months following the 4th's activation.

The 4th Fighter Wing dates back to 1942 when it was first organized at Debden, England. Pilots of the 4th destroyed 1,016 German aircraft during World War II, including 550 in aerial combat and 466 on the ground.

Maintenance Time Increases

It will take 70 hours of maintenance for each hour of flight to care for Air Force F-106 aircraft.

AFA Agency Exec

Lt. Col. George J. Anzelon is the new Executive Officer of the Air Force Academy Construction Agency, Colorado Springs, Colo., succeeding Col. Elgin W. Scott who was reassigned to Allied Air Forces Northern Europe, Oslo, Norway.

Colonel Anzelon, who recently was awarded his Masters Degree in Business Administration at George Washington University, Wash., D. C., lives with his wife and seven children at 2315 Mt. Vernon, Colorado Springs.

Col. Burnett to Amarillo

Col. Norman R. Burnett, USAF, will be the next Commander of the 3320th Retraining Group, at Amarillo AFB, Tex. He formerly was commander of the 3750th Confinement Screening Group at Sheppard AFB, Tex.